

# DISASTER MANAGEMENT



2019

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**MINISTRY OF INTERIOR  
NATIONAL DIRECTORATE GENERAL  
FOR DISASTER MANAGEMENT**

## Managerial Preamble

The spectacular part of the job, and what's behind it. Perhaps this could be the motto of the 2019 yearbook and foreword of the disaster management. After all, as in everyday life, this diversified organization has tangible work processes that are clearly visible to the outside world. And there are some whose existence is often not even known, or if it is, it is more frightening or difficult for the average person to grasp.

If we were to ask ordinary people what and who would come to mind about this organization first, it is certain that firefighting and firefighter words would be uttered most often. Undoubtedly, we can meet them most of the time, and unfortunately in memorable, sometimes lifelong situations. Indeed, one of the most important basic tasks of disaster management is to save people in distress and endangered goods. Those who have put their lives to this work are always surrounded by the appreciation of society. There is no man in this country who has not experienced through his own skin, or maybe one of his relatives or acquaintances experienced, what a firefighter means who appears in a seemingly hopeless moment. It is not uncommon to mean life itself. Understandably thus, that the representatives of the profession – regardless of gender or age – are considered heroes by everyone.

We tend to judge things by their spectacular side, even though life, including the functioning of smaller and larger communities, is much more complex than that. Behind the person doing the attractive activity, there are most likely almost everywhere many who do a much less spectacular or pleasurable workflow. However, without them the “evening performance” would either not take place or would surely fail.



This is also the case for disaster management. The combined work of nearly thirteen thousand people makes the whole organization successful and productive. And although in the news we meet firefighter units alerted to intervene every day, it is important to know that they could not work efficiently, effectively and safely if the necessary conditions were not provided. This requires the many people who provide them with the economic, technical, occupational safety, or even human background. The daily activities of these colleagues do not, or only rarely, come into the spotlight, but no one can think that firefighters could work without well-maintained agents, carefully designed protective clothing, and tools. Those who are themselves vulnerable are exposed to increased physical and mental strain throughout their careers. In order to save others safely, they also need to take care themselves by providing adequate health and equipment background.

And then we didn't even talk about the fact that, according to the very prevailing view in today's world, the focus has long been not on heroic rescue but rather on preventing the situations that trigger it. The defining element of disaster protection in the 21st century is the authority work, the official expert. The one who carries out a series of inspections and consultations every day so that the plants using hazardous substances do not pose a danger to the people living nearby, the roads, railways and air roads enclosing the country are not covered by uncontrolled shipments of dangerous goods, our waters are not polluted undisturbed, investments should be made with due care and events in cyberspace, which are difficult to understand and comprehend, should not paralyze the infrastructures that are vital to the country's functioning. It is important and fair that a summary publication should address them with at least as much weight as their front-line counterparts. Equally important to our organization are those who carry out thorough preparatory, inspection or exploratory work, examine laws and regulations, manage data, and take care of an enormous amount of information. Together, they will do their utmost to make this country a safe, livable place for its people.

So on the following pages, we open a window for familiar and less familiar moments, openly embracing the intention of anyone flipping through the publication to get a truly comprehensive picture of how disaster management work is put together. We recall the most significant, spectacular events and interventions of 2019, the heroic deeds of everyday life, we present the individual specialties of the organization, the activities of the county directorates, and of course the list of colleagues who performed outstandingly during the year.

We do all this with eloquent photos, charts, and diagrams, trusting that the yearbook faithfully reflects how colorful and complex work is going on in disaster management, no matter what day the calendar shows. After all, the most important thing for people on weekdays and holidays is to get help within minutes if they get into trouble. And as always for one hundred and fifty years now, the firefighter still comes reliably. They are all more modern in means and deployment clothes, but the point is the same. He goes where he is needed the most and where no one else can help.

In this spirit, I wish you a pleasant and meaningful stay!

Fire Fighter Major General  
Dr. Zoltán Góra  
Director General



Brigadier General  
**Krisztián Erdélyi**  
Deputy Director General



Major General  
**Dr. Zoltán Góra**  
Director General



Brigadier General  
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Head of Office



Colonel  
**Ferenc Érces**  
Head of Prevention  
and Licensing Service



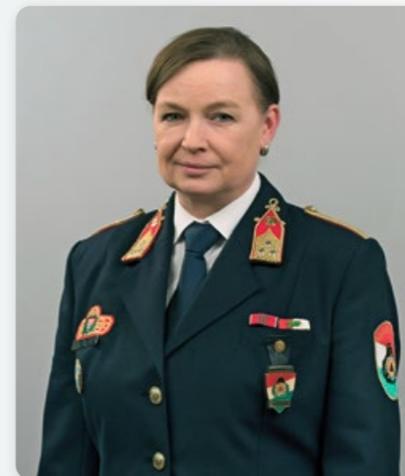
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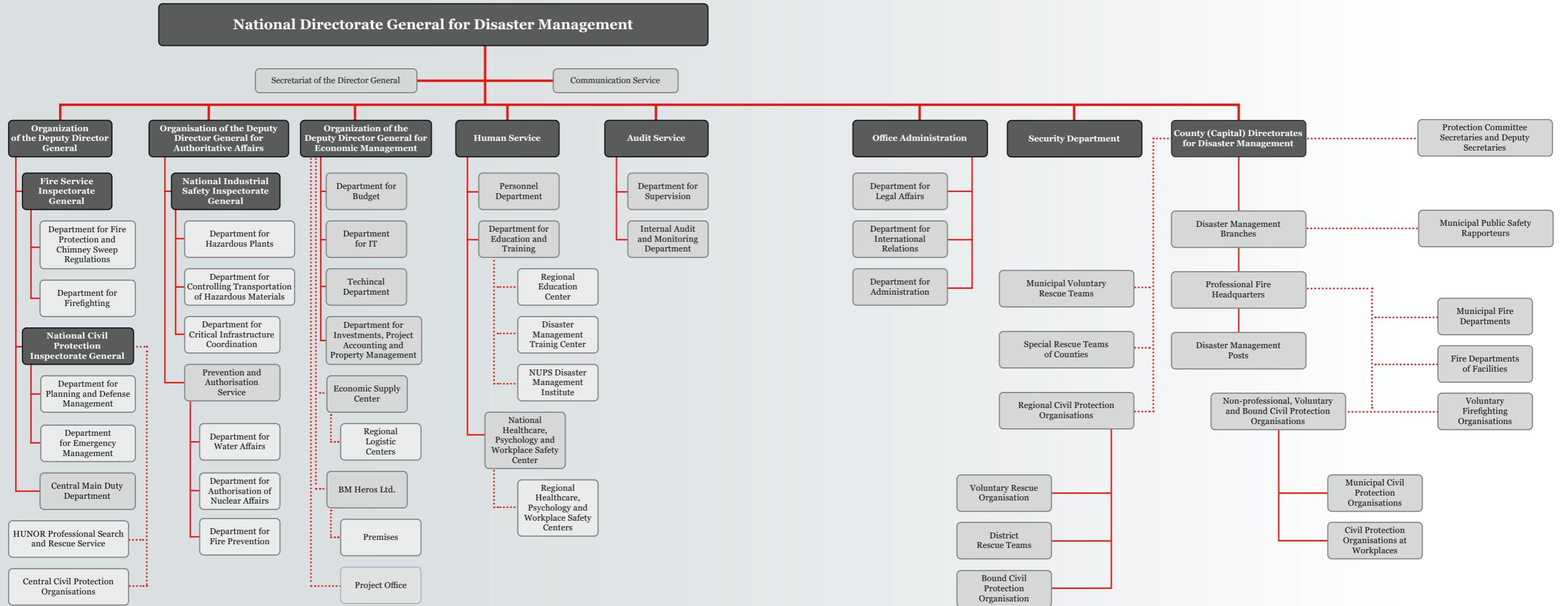


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# Organigram of the professional disaster management structure



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## JANUARY

1. From the beginning of the year, some information security tasks were transferred from the National Directorate General for Disaster Management of the Ministry of the Interior to the National Security Service, and the center dealing with IT security incidents and threats also operates there.

1. In Fejér County, the Martonvásár fire brigade association can intervene independently from the beginning of the year. In the areas of Tordas, Martonvásár, Ráckeresztúr, Baracska and Gyúró, such as the M7 and M6 motorways, as well as on a section of the main road 7, damage events can be eliminated alone, without professional and municipal fire brigades.



8. Pursuant to the amendment to the Chimney Sweeping Act, the tenants of municipally owned flats are also entitled to free benefits.

21. The Hungarian National Committee of CTIF (International Firefighters Association) held its regular evaluation and inaugural meeting.



23. A fire broke out in Budapest, in an educational institution between Markusovszky Square and Ráday Street in District 9. By the time the professional firefighters of the capital arrived on the scene, flames had already erupted through the windows on the second and third floors of the dormitory wing. A total of one hundred firefighters extinguished the fire with thirty vehicles, more than two hours of strenuous work, twelve jets of water, and three water cannons. A separate search and rescue unit searched the building for possible injuries. Firefighters found a corpse in the third-floor stairwell while extinguishing. According to the dormitory, about ninety people left the object after being warned by the fire alarm. Due to the cold, the fire chief asked for warm-up buses to the scene, but the surrounding educational institutions also offered their help to hear the news. The

work of the professional firefighters was supported by the volunteers in Rózsadomb who are capable of intervening independently. The Capital Disaster Management Directorate investigated the causes of the fire with the help of experts.

28. For the fourth time, more than one hundred and twenty operational professionals took part in the a series of conferences in support of the implementation of the Seveso 3 directive, supporting the work of operators of hazardous plants, hazardous industrial protection administrators, experts and professional organizations at Hotel Jogar in Balatonföldvár.

31. The advisory bodies supported last year's work on disaster management with useful suggestions, methodological recommendations and high-quality, at the same time very practical studies - this was stated in the annual evaluation of the heads of the bodies.

## FEBRUARY

6. A new type of firefighting training was launched for the fourteenth time in three law enforcement secondary schools in the country in February. Almost a hundred students in Körmen, Miskolc and Adyliget mastered the knowledge of the unified law enforcement foundation module, after which they continued their studies at the Disaster Management Education Center. The central opening of the course was held on 6 February in Adyliget.

7. After six months of preparation, ten students of the Operations Faculty of the National University of Public Service, Institute of Disaster Management passed their officer candidate exam.

13. An annual evaluation meeting was held by the National Directorate General for Disaster Management, Ministry of the Interior. At the event, Police Lieutenant General Károly Papp, Director General of



Public Security of the Ministry of the Interior, called the 2018 disaster management activity successful.

15. Candidates for Disaster Management and graduates in firefighting training were held a solemn issuer at the Disaster Management Training Center. One hundred and sixty-nine prospective firefighters and ten officer candidates took the oath at the event.

19. A volunteer rescue organization in the capital and fifteen in Pest County was able to take over the equipment that could be used for damage elimination at the Capital Disaster Management Directorate. The event was part of an EU project that provided a total of two hundred volunteer rescue teams across the country with new equipment, modern vehicles and equipment, and training opportunities. The support was implemented within the framework of the Environmental and Energy Efficiency Operational Program, in the total value of HUF 1 billion 500 million.

22. Successful exams were taken by mentors who then passed on their knowledge to two hundred rescue teams in the country. The exam, held at the Disaster Management Education Center, was preceded by three days of preparation. The training was part of an EU project to support volunteer rescue organizations with disaster management tools and training

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**25.** Daily topical issues, common exercises and further expansion of co-operation were discussed at the tenth meeting of the Hungarian-Romanian Joint Committee on Disaster Management, held at the National Directorate General for Disaster Management.

**26-27.** In order to prevent and effectively eradicate fires in open areas, a conference and an exercise was organized on the management of forest and outdoor fires: on the first day there was a discussion on the frequency of open area fires, on prevention and tactics used to extinguish them. On the second day a firefighter exercise took place in Somogy county.



**27.** Flood emergency preparedness tasks were dealt by the heads and experts of the defense administration of the ministries and national competent bodies, the secretaries and deputy secretaries of the county and capital protection committees, and the county and capital civil protection inspectors in the theoretical part of the training. Its practical part was held at Budapest Sewage Works Pte Ltd.

## MARCH

**1.** A ceremony was held on the occasion of International Civil Protection Day at the Directorate General. At the event, members of voluntary, non-governmental organizations, associations and institutions that actively support the work of professional disaster management in everyday life received recognition.

**1.** Volunteers from Kőtelek can also intervene independently: the association proved in the February system-setting exercise that it is suitable to eliminate certain damage cases as an independent intervener. The document certifying this was presented to the president of the association in a solemn ceremony on 6 March. Voluntary firefighters in Kőtelek can intervene in Kőtelek, Csataszög, Hunyadfalva, Nagykörű and Tizzasüly without the participation of professional units.

**1.** Another white spot disappeared in the country with the fact that the Igal Fire and Civil Guard Association of Somogy County obtained the qualification entitling to independent intervention. The certificate was received on 7 March. In the undertaken settlements - Igal, Bonnya, Fiad, Kisbárapáti, Kazsok, Ráksi - a total of more than three thousand residents are provided with rescue fire protection by volunteer firefighters.

**12-13.** A two-day inspection called DISASTER 2019 RID I. of the transport of dangerous goods by rail was carried out. A total of 2,332 railway vehicles were brought under the control of the authorities, of which 1 thousand 146 vehicles were subject to the regulation of the transport of dangerous goods by rail (RID), and specialists detected 117 irregularities. The railway

vehicles that were inspected carried more than 23 million kilograms and almost 800,000 liters of dangerous goods.

**14.** Sándor Pintér, Minister of the Interior, presented Presidential awards and ministerial recognitions at the central ceremony held at the Ministry of the Interior on the occasion of the 171st anniversary of the revolution of 15 March 1848. Several disaster management staff received some sort of recognition. In the afternoon, a formal staff meeting was held at the Directorate General, where several were recognized.



**28.** The NDGDM and the Pest County Disaster Management Directorate organized a disaster response cooperation exercise in Biatorbágy, in the Tópark Residential Park. In addition to disaster management, experts from the National Ambulance Service, the Pest County Police Headquarters and the Hungarian Red Cross also took part in the complex exercise.

## APRIL

**1.** From this day - the seventh in Győr-Moson-Sopron county - the Voluntary Firefighter and Civil Guard Association of Ásványráró can also intervene independently. The volunteers start in Ásványráró, Hédervár, Dunaszentpál and Dunaszeg, in an area of more than eighty square kilometers, to help those in need.

**1.** The storm signaling season has officially started, this time the day was supplemented with the handover of assets related to the EU project entitled KE-HOP-1.6.0-15-2017-00025, Disaster Management Systems in the Balaton Region. Until the end of October, storm detectors operated continuously on Lake Balaton, Lake Velence, Lake Tisza and Lake Fertő, among which the new, innovative equipment installed in the middle of Lake Balaton is a unique development in Europe. On the opening day of the storm signaling season, the disaster management in Siófok presented the amphibian special swamp passages, which will continue to serve in the disaster management directorates of Somogy, Zala and Veszprém counties. Within the framework of the project, two vehicles were renewed, which will increase the vehicle fleet of the municipal fire brigades of Balatonboglár and Balatonfüred.

**8-13.** The HUNOR professional rescue organization successfully participated on 1-15 April in Romania at the Vigorous Warrior 2019 NATO



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exercise. The Hungarian rescue team took part in the training with a heavy urban search and rescue category. HUNOR joined the exercise with ninety people, a search dog and ten vehicles, which was attended by two thousand and five hundred representatives from thirty-six countries in five Romanian cities, using ground, water and air forces. The imaginary country was hit by a strong earthquake, killing hundreds, injuring thousands, collapsing buildings and damaging basic infrastructure. The Hungarian team worked in two cities, and a total of almost a hundred people were “rescued” on the days of the operation. On the last day of the NATO exercise, the HUNOR rescue organization took part in a rescue exercise in the Bucharest metro, entrusting the rescue of five injured members of the team at Romána station, who brought two serious and three light injured out of a street-level ventilation tunnel.

**9-11.** There was a three-day dangerous goods inspection action on the country’s roads. During the three days of the DISASTER 2019 ADR I



action, a total of 3,847 road vehicles were inspected, of which 884 transported dangerous goods covered by the ADR. Inspectors found a total of 147 irregularities in 80 road vehicles. Due to the nature of the irregularity, the vehicle was detained in 25 cases and 17 irregularities posed a risk that immediate action was required. The road vehicles inspected carried a total of more than 8,000 tons and nearly 600,000 liters of dangerous goods.

**15.** A professional forum on the European situation of voluntary fire brigades was organized by the Dutch IFV, namely the Institute for Physical Security. The institute deals with, among other things, disaster management or civilian crisis situations, and the forum was the first step in carrying out a study assessing the situation of volunteer fire brigades in Europe.

**25.** The National Emergency Management Center of the Interdepartmental Coordination Committee for Disaster Management has met to the extent of a flood exercise. During the exercise, government agencies tested cooperation and the effectiveness of information flow.

**25.** At the initiative of the Inspectorate General for Civil Protection, nationally qualified rescue diving organizations took part in a professional consultation in connection with professional disaster management. The discussion focused on the renewal of the divers’ guidelines for the national certification system.

**27.** For the ninth time, firefighters and police celebrated together in City Park. The participants of the feast of May were expected to perform various performances, musical and dance performances. Tra-



ditionally, the national final of the ascending disaster management youth competition was held at this event, in which the teams of Borsod-Abaúj-Zemplén county triumphed in both ages.

**30.** The largest budget project for disaster management in the period 2014-2020 has been completed: 108 new domestic fire engines have been in service nationwide in three years out of a non-refundable EU subsidy of HUF 14 billion 499 million. The project entitled Systemization of Fire Engines, identification number KEHOP-1.6.0-15-2015-00001, was implemented within the framework of the Széchenyi 2020 program.

**28-29.** People struggled with a sudden, heavy rainfall in Kajárpéc: voluntary and obligatory civil protection organizations faced the elemental disaster as part of an exercise. In the village of Győr-Moson-Sopron, they modeled what to do when a whole part of the settlement is flooded and the prevention of damage requires coordinated work and precise management.

## MAY

**3.** 4<sup>th</sup> May is the ceremony of St. Florian, the patron saint of fiery crafts, such as firefighters and chimney sweeps, so a ceremony was held before the date at the National Directorate General for Disaster Management, Ministry of the Interior.

**9.** An exercise simulating a mass accident was held at kilometer 212 of the new M4 motorway. According to the scenario of the joint exercise of the NDGDM, Hajdú-Bihar County Disaster Management Directorate and their partner bodies, a car collided with a strip barrier, and the bus carrying schoolchildren behind it could not stop and ran into the car. Due to the heavy traffic, the slave behind the bus also became the victim of the collision, and a car was driven into the prison wagon without braking, which then caught fire. A total of almost thirty people were injured in the multi-vehicle accident. Two people flew out of the car, several trapped in the wreckage of their vehicle.



**9.** More than one billion forints worth of single- and double-cabin water transporters, high-rescue vehicles, critical infrastructure deployment units, and rapid response vehicles were handed over at the National Directorate General for Disaster Management.

**21.** The István mill in Békéscsaba caught fire. The professional firefighters of Békéscsaba, Mezőberény, Gyula, Szarvas, Szeghalom, Orosháza and Mezőovóács were deployed to the fire, and also

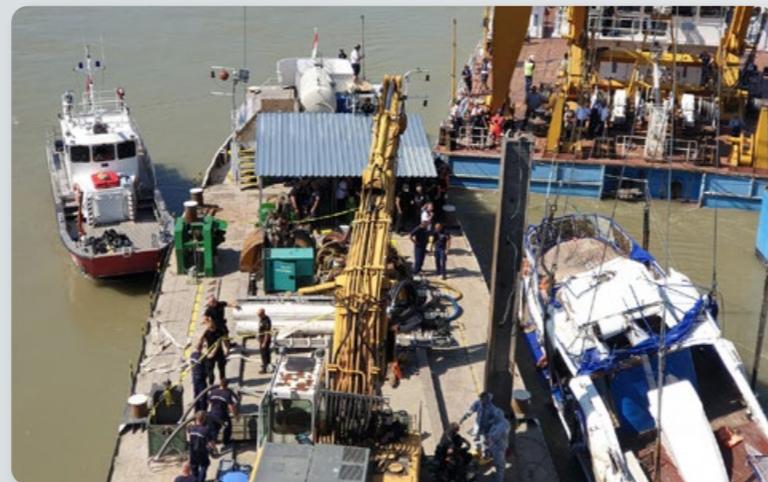
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alerted the firefighters of Gyomaendrőd and Békés. The intervention was directed by the Disaster Management Operations Service and supported by the Disaster Management Mobile Laboratory. Fifteen vehicles and more than sixty firefighters took part in the work. The roof structure and internal structural elements of the main building of the mill were completely destroyed, and in the fire spreading rapidly in the wind, the roof structure of one of the service buildings also caught fire and then burned down. The ceiling structure of all six levels of the industrial monument in the city center was torn. The intervening firefighters put out the flames with several hours of work, attacking both buildings from several directions, with several beams from the ground and also from a rescue altitude.



**25.** Fire brigades were open to the public: the lives of all professional fire brigades, disaster posts and more than two hundred volunteer associations, more than half a hundred municipal fire brigades and six other organizations close to fire brigades could be seen for children and adults on Children's Day.

**28-29.** The employees of the disaster management bodies performing official tasks compared their knowledge at the 5<sup>th</sup> National Fire Prevention Competition in Balatonföldvár. As the best in the country, the team of Hajdú-Bihar county was able to take over the wandering cup of the competition. The second place was taken by the capital, while the third place was taken by the team of Tolna County.



**29.** At ten o'clock in the evening, the Mermaid sight-seeing ship turned over and sank on the section of the Danube between Budapest, Margaret Bridge and Jászai Mari Square, after colliding with the Viking Sign

hotel ship. The Mermaid sank in seven seconds, seven of its thirty-four passengers were rescued from the water, seven victims were immediately found, and twenty men searched for weeks. The ship was lifted out of the Danube on 11 June, with professional firefighters from Budapest, the St. Florian fire extinguisher boat and the capital's diving service participating in the operation. The operation lasted about eight hours. From the accident to the highlighting of the Mermaid, the professional staff of the disaster management took part in the operations with 138 people and 32 tools, while the cooperating volunteers took part in the work with 56 people and 14 tools. On June 20, the Minister of the Interior presented awards to professionals, official and civilian contributors for rescuing the passengers and crew of the shipwreck and for lifting the shipwreck.

**29-1.6** Hungarian experts also took part in the two-day, complex disaster management exercise called CASCADE`19 in Portugal. The event was attended by a total of 35 observers from two dozen European, Asian and African countries. At the largest exercise of the European Union Civil Protection Mechanism to date, Hungary was represented by the Acting Head of the Fire Protection and Chimney Sweeping Regulation Department of the NDGDM and the Service Commander of the Pécs Professional Fire Brigade.

## JUNE

**5.** The final examinations were held for five full days at the Institute of Disaster Management of the National University of Public Service, where a total of 138 undergraduate and master students took the complex disaster management knowledge, industrial safety, disaster management operations, fire protection and rescue management.

**6-8.** The HUNOR team took the podium in Belgium. At the Grimpsday held in Namur every year, one of the world's most prestigious rope technique

competitions, the team of Hungarian team finished in second place out of thirty rescue teams from thirteen countries on four continents.



**7.** The award ceremony of the creative competition of the National Fire Prevention Committee was held at the Budapest Zoo and Botanical Garden. Nationwide, 1 thousand 398 kinder garden and 3 thousand 647 school works were born. The title "Most Creative Kinder garden 2019" was won by the Wunderland Kindergarten, the German Nationality kinder garden of Szekszárd with a hundred works, and the "Most Creative School 2019" by King Zsigmond Elementary School and Art School in Pásztó with one hundred and forty-nine entries.

**11-13.** The experts of the disaster management controlling officers of the transport of dangerous goods competed in Balatonföldvár for the



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third time. Among the twenty teams of two, the team of the Nógrád County Disaster Management Directorate triumphed, ahead of the Szabolcs-Szatmár-Bereg county duo and the third-place hosts.

**17-19.** Disaster management leaders from the V4 countries met in Strba, Csorba, in Slovakia. At the nineteenth meeting in a row, the leaders of the Czech, Polish, Hungarian and Slovak organizations discussed, among other things, the practice of employing voluntary rescue organizations.

**18-19.** The 15<sup>th</sup> Count Ödön Széchenyi's National Firefighting Sports Competition was held in Székesfehérvár, in which the team of Baranya County won the winning cup, the host Fejér County took second place, and the team of Borsod-Abaúj-Zemplén County took the third place on the podium. After evaluating the complex individual results, Warrant Tamás Csabai, a professional firefighter from Sátoraljaújhely, Borsod County, won the gold medal, and with this he was awarded the Commemorative award of dr. Sándor Pintér, Minister of the Interior of Hungary.



**21.** The National Director General for Disaster Management approved the results of the tender for voluntary fire brigade associations and voluntary rescue organizations. The disaster management was able to distribute a total of seven hundred million forints of support among the voluntary fire brigade associations and rescue organizations operating in Hungary: the latter received one hundred million, and six hundred million forints were distributed among the fire brigade associations.

**24.** The Director General for Disaster Management of Austria and Hungary met in the Austrian capital. The meeting focused on, among other things, the two countries' disaster management systems and recent interventions.



**24-28.** The Hungarian disaster management rescue team HUNOR went to the international exercise "SRBIJA 2019" held in Nis, Serbia with eleven vehicles and forty-five personnel. In addition to the hosts, the earthquake simulation exercise involved

Hungary, Russia, Turkey, Northern Macedonia, Bosnia and Herzegovina and Cuba with special rescue teams for firefighting, emergency reconnaissance, rope technique and water rescue, in total six hundred persons.



**25.** The closing meeting of the Institute of Disaster Management, National University of Public Service was held.

**28.** In three years, the central laboratory of the Disaster Management Research Institute was renewed, expanded and enriched with modern equipment with a development of three hundred and seventy million forints. As part of the development, the laboratory premises of the institute were renovated and remodeled, as well as a number of equipment, including sampling equipment, measuring instruments, analytical equipment and a transport vehicle to facilitate on-site exercises.

**28-29.** This is the second time that Vas County, including Bük, hosted TFA HUNGARY, the country's strongest firefighter, for an international firefighting competition. This year, nearly one hundred and sixty competitors from five countries competed in their endurance and sports knowledge.

**29.** The Faculty of Police Science of the National University of Public Service held its inauguration ceremony in Buda Castle, Kapisztrán Square. One hundred and sixty-eight graduate students took the oath of office in front of a copy of the Holy Crown and historical flags, in the presence of the Prime Minister, the Minister of the Interior, the Minister of Defense, and the General Staff. They began their service on 1 July, among others, in disaster management.

**29-27.7.** With the intention of creating a tradition, for the first time in 2019, a total of almost a hundred children between the ages of 10 and 14 could go on holiday for four weeks in weekly shifts at the disaster management youth camp organized at the NARO campsite in Balatonföldvár.

## JULY

**1.** In Baranya County, the Szabadszentkirály Volunteer Firefighters Association can intervene independently. The volunteers take responsibility for the one thousand five hundred inhabitants of four settlements, and another seven settlements can count on the locals as a contributing association. At the ceremony of 27 June, they were also allowed to take possession of a fire truck.

**1.** From this day on, the Kővágóörs Voluntary Fire Brigade Association can intervene independently, which is responsible for the safety of more than three thousand or two hundred inhabitants in ten settlements. At the inaugural event in July, the association was also enriched with a vehicle syringe. The team has been a founding member of the Bakony Rescue Group since 2012.

**12.** Seventy-nine freshly trained firefighters were sworn to his profession in the Directorate General. At the launch ceremony, seven double-cabin, forest fire-extinguishing water carriers and a disaster management mobile laboratory vehicle for educational purposes were also put into service.

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**22.** Within the framework of the KEHOP 1.6.0-15-2016-00023 project entitled “Decision Support System”, a three-stage training series was launched, in the first educational module of which GIS administrators got acquainted with the application of open source, freely accessible systems.

**26.** The Decree of the Ministry of Interior on the Amendment of the National Fire Protection Regulations was published in the Hungarian Gazette, the rules of which will enter into force on 22 January 2020. The amendment was preceded by wide-ranging social consultation and high-quality professional preparatory work, bringing together a state-of-the-art, widely accepted norm that strengthens fire prevention and safety. In the last quarter, the NDGDM organized several preparatory workshops for law enforcement officers.



**30.** The proposals for support were approved by the National Director General for Disaster Management, so sixty organizations received a total of

HUF 225 million in support from the second equipment development tender for municipal fire brigades. Municipal fire brigades that successfully met the conditions of the tender submitted their application for the mandatory fire protection equipment and fire-fighting equipment, as well as for the renovation of a ready-made vehicle syringe or existing technical equipment.

## AUGUST

**16.** Deputy Minister Károly Konrád, Parliamentary State Secretary of the Ministry of the Interior, presented Presidential Medals, a Life-Saving Commemorative Medal and Minister of the Interior awards at a ceremony in honor of King St. István, the founder of the state. At a ceremony held at the Directorate General on 22 May, the Deputy Director-General of the organization presented ministerial recognitions.

**26-28.** The 12<sup>th</sup> National Fire Brigade and 2<sup>nd</sup> National Technical Rescue Competition took place in Karcag. A total of twenty-nine professional, municipal, volunteer, and facility fire departments competed individually and in teams. The 2<sup>nd</sup>



National Technical Rescue Competition was held by the professional fire brigade of Tatabánya, the 12<sup>th</sup> National Fire Brigade Competition was won by the team of the professional fire brigade of Mosonmagyaróvár, so the latter can keep the wandering cup of the competition for a year. In the team competition of the municipal and voluntary fire brigades, the municipal fire brigade of Tiszakécske triumphed.

## SEPTEMBER

**3-6.** The Tolna County Disaster Management Directorate organized a KoboToolbox course for the second time. After the theoretical preparation the exercise continued at the site of a simulated earthquake in Nagymányok. Rescue organization experts had to solve civil protection tasks in Óbánya after the flooding with the help of the electronic data collection program in the area of damage. The work of the international experts was assisted by the mentors of the HUNOR and HUSZÁR rescue groups.



**11-15.** With forty-six volunteers, eleven vehicles and seven trained search dogs, the HUSZÁR volunteer rescue organization took part in an exercise held in the ruined town of Eisenerz in Austria

as part of the Ironore 2019 project. Four hundred volunteers from five countries worked together in a training simulating post-earthquake rescue.

**16-22.** Fifty-nine teams from twenty-four countries tested their skills at the 25<sup>th</sup> IRO World Rescue Dog Championships in Villejust, France, with Beatrix Belényi and her six-year-old malinois Zen won the first place, who competed in the colors of the Capital Disaster Management Directorate.

**21.** The twentieth national stair race was held. In the individual absolute category, Máté Molnár, firefighter of the Capital Disaster Management Directorate, triumphed with a time result of 2 minutes 42 seconds, while the absolute competition of the doubles was also won by the starters from Budapest, Csaba Dudás and Márk Molnár with 2 minutes 57 seconds.

**25-27.** Budapest hosted the Seveso 3 Directive Technical Working Group Meeting. One of the main topics of the meeting of the working group was to discuss the knowledge and experience about the condition maintenance systems and maintenance strategy of hazardous plants, as well as the related shortcomings and good practices.

**26.** The NDGDM launched the tools and equipment necessary for asylum and first aid on the way to Albania. The Albanian government has asked the European Union for help in dealing with the disaster caused by the 21 September earthquakes and flash floods. The aid consignment, worth about HUF eleven million, reached its destination on 27th.

**26.** With the further training related to the use of the electronic water resource registration system, the thematic preparation of the official staff for the electronic administration implemented by the priority project financed from the KÖFOP tender source “Development of the Agricultural Water Use Information and Control Framework (WATERS)” started.

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## OCTOBER



**1-2.** The experts of the five best disaster management mobile laboratories in the country compared their knowledge in Hajdúszoboszló, at the Training and Storage Base of the Hajdú-Bihar County Disaster Management Directorate. The competition was won by the Csongrád county team with the nickname Tisza Labor, ahead of the professionals from Baranya and Somogy counties.

**2-3.** The Directorate General has started preparing the official staff of the disaster management for the application of the amended National Fire Protection Regulations, which will enter into force on 22 January 2020, as well as the consequent changing fire protection technical guidelines. On 24 June, the series continued with a meeting for the leaders of the professional organizations and partner authorities working

with the Directorate General, as well as for the leaders participating in the Authority Roundtable, and then on 28-30. disaster management also provided training to market participants, investors, operators and contractors.

**5.** The NDGDM and the Nógrád County Disaster Management Directorate organized the first national professional competition of voluntary rescue organizations with a tradition-creating intention. In the competition, the teams of voluntary rescue organizations from all counties and the capital - a total of two hundred and thirty people representing forty-five organizations - compared their knowledge and preparedness. The winner of the competition was the team of Zala county, which also received the wandering cup of the competition. The team from Győr-Moson-Sopron finished in second place, and the team from Veszprém County finished third.

**7.** The new production hall of BM HEROS Ltd. built for approximately HUF 1.4 billion, was handed over. Among other things, the facility is used for the production of ambulances for the National Ambulance



Service - at the event, the Director General of the Ambulance Service was able to pick up fifteen vehicles from the Parliamentary State Secretary of the Ministry of the Interior.

**9.** True to tradition, disaster management, together with the Hungarian Red Cross, organized a national blood donation on the occasion of the World Day for Disaster Reduction. In total, staff from the DG and regional organizations donated more than three hundred and eighty liters of blood.

**9-11.** The 5<sup>th</sup> Fire Investigation Professional Competition and Professional Forum was held at the Hajdúszoboszló base of disaster management. In the competition, the fire inspector pair of Csongrád county took the third place, the team of Baranya county became the second. The wandering cup for the champion went to Komárom-Esztergom county.



**8-10.** A three-day inspection of the transport of dangerous goods called DISASTER 2019 ADR 2 was held on the country's roads. During the three days, a total of almost 3,400 road vehicles were inspected, 805 of which transported dangerous goods covered by the ADR. Inspectors found a total of

109 irregularities in 69 road vehicles. The road vehicles inspected together transported more than 8,700 tons and nearly 700,000 liters of dangerous goods.

**11-13.** The Firefighter Combat Challenge was held in Linz, Austria. At the competition in Linz, the Hungarians became one of the most successful nations, which was marked by a gold, three silver and a bronze medal.

**21.** On the occasion of the sixty-third anniversary of the 1956 Revolution and the War of Independence and the thirtieth anniversary of the proclamation of the Republic, a ceremony was held at the Ministry of the Interior. At the event, disaster management staff were able to receive a general appointment, promotion, Medal of Merit, the title of Fire Councilor, and a souvenir. The NDGDM ceremony was held on the 22nd. The Director General presented awards and promotions of the Minister of the Interior and the Director General.

**28.** A national conference and exercise was organized in Budapest in preparation for the winter. Participants in the event modeled how organizations involved in their management prepare for extreme winter weather situations at two locations, the Capital Disaster Management Directorate and as part of a hands-on demonstration.



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**31.** Foreign case studies, Hungarian examples, various aspects of disaster medicine, professional issues of mass rescue and injury care were on the agenda of a conference organized jointly by the Ministry of Human Resources and the National Directorate General for Disaster Management at the National University of Public Service.

## NOVEMBER

**4.** For the fourth time, the NDGDM organized a now traditional conference for critical infrastructure operators on current security threats and current trends in security challenges.



**4-8.** The training organized by the National Fire Inspectorate in the field of Hungexpo dealt specifically with gas-powered vehicles. The backbone of theoretical and practical knowledge was information on

gas-powered vehicles, including the latest technological innovations and procedures for fires and technical rescue.

**4-8.** The United Nations Office for the Coordination of Humanitarian Affairs (OCHA) in Baku organized a large-scale leadership simulation exercise to address the post-earthquake situation with more than twenty countries. Hungary was represented by four members of the HUNOR rescue organization in the capital of Azerbaijan.

**5.** Dr. János Áder, President of the Republic of Hungary - on the proposal of the Minister of the Interior - in recognition of his decades-long outstanding service, on the occasion of our national holiday, on 23 October, promoted Major General dr. Imre Hoffmann, Deputy State Secretary for Public Employment and Water Management of the Ministry of the Interior to Lieutenant General, and appointed Colonel Péter Bartók, Deputy Director-General for Economic Affairs of the National Directorate General for Disaster Management of the Ministry of the Interior to Brigadier General. The documents on this were handed over by the President of the Republic at the Sándor Palace on the fifth of November.

**6.** Two wagons of a train consisting of three passenger rail and one locomotive were also burned because one passenger set fire. With the exception of two passengers, everyone fled to the railway wagon behind the locomotive, but two people got stuck in the burning second wagon, they were rescued by firefighters – a joint complex exercise was held in Pécs, in the area of Pécsbánya-organizing station, disaster management and MÁV Ltd.

**7.** On Monday, a professional delegation from Croatia visited the National Directorate General for Disaster Management, Ministry of the Interior. Experts from the neighboring country arrived in Hungary for the sixteenth meeting of the Hungarian-Croatian Standing Joint Committee on Disaster Management.



**7.** The new logistics warehouse for disaster management was handed over, which was completed in District 17 of Budapest within the framework of an EU investment of almost two hundred million forints. The 8,000-square-meter, modern building houses, among other things, the supplies that are needed for flood protection.

**12.** An international scientific conference called "Career guidance in disaster management – criteria and methods" was organized at the Directorate-General. At the event organized by the Disaster Management Education Center, the audience was able to learn about the methods used by various organizations to increase and retain their staff and to ensure their supply through domestic and foreign examples.

**13-14.** The on-call managers of the firefighting interventions, ie the operative managers of the decision support and information systems,

measured their knowledge in Balatonföldvár. The second national on-call professional competition ended with the victory of the capital team.

**14.** The National Emergency Management Center of the Interdepartmental Coordination Committee for Disaster Management has convened within the framework of an exercise organized in preparation for winter emergencies. During the exercise, government agencies tested cooperation with each other and the effectiveness of information flow.

**15.** The volunteer fire brigades and rescue organizations of the capital and Pest counties took over the equipment and the document authorizing the training at the Ferihegy road warehouse base of the DG. By mid-December, all organizations in the country had access to the required tools and equipment and training opportunities.



**18-19.** The Hungarian-Slovenian Standing Joint Committee on Disaster Management held its twentieth meeting in Mala Nedelja, Slovenia. At the meeting, delegations reviewed major events since the previous meeting, professional cooperation between the two countries and plans for the near future.

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**21-22.** The Fire Protection Committee of the International Federation of Fire Brigades and Rescue Organizations (CTIF) held its annual meeting at the National Directorate General for Disaster Management, Ministry of the Interior. In addition to Hungarian experts, Slovenian, Russian, Finnish, Luxembourgish, French and - via the World Wide Web - English colleagues also took part in the meeting.



**22-24.** The GrimpDay Asia World Rope Rescue Competition was held in ShenZhen, China and Hong Kong, where eighteen rope rescue teams competed. Hungary was represented in the competition by the eight-member team of the HUNOR Rescue Organization, which, after a full year of preparation, reached one of the most prestigious rope technology competitions in the world with a qualification obtained in the European competition. The Hungarian team won the award for the “most creative” team.



**26.** In addition to the professional fire brigades of Hajdú-Bihar County, the police, the Armed Forces, the rescue service, the Red Cross and the airport firefighters also took part in the search and rescue cooperation exercise of the aircraft in distress in Debrecen.

**29.** The Hungarian Government’s second aid shipment left the Directorate-General’s building after another strong earthquake struck Albania three days earlier. The shipment worth twenty-one million HUF included various tents, blankets, camp beds, laying materials, and arrived in Tirana after a twenty-hour trip.

## DECEMBER

**3.** Seven Hungarian experts – engineers, statics – set out for the earthquake-stricken Albania to assess the condition of damaged and surviving buildings, utilities and roads. In the end, a total of twelve experts worked in the troubled country, on the 17<sup>th</sup> they returned to Hungary, and on the 19<sup>th</sup> they received recognition in the disaster management.

**3.** The leaders of the Serbian and Hungarian disaster management had a discussion in Mórahalom. The aim of the meeting was to strengthen cooperation and further develop cross-border relations.

**11.** Disaster management held a memorial conference for the fourth time: the Hungarian steam syringe - Pál Szabó and his sons, the inventor of the steam syringe, is 195 years old. Participants in the event could also see a steam syringe during operation.



**14.** For the tenth time, the currently active and retired leaders of disaster management met. The event commemorated Count Ödön Széchenyi, who was born one hundred and eighty years ago: a plaque was inaugurated in the Directorate-General in honor of his great predecessor.



**15.** From this day on, the Dangerous Goods Notification application will be operational, which will simplify the administration of those transporting dangerous goods by rail. The application, developed with the help of disaster management, automatically transmits the information to the NDGDM’s self-developed system in an appropriate form after the carrier data has been communicated.

**18.** Forty-five double-deck SUVs, two high-altitude ambulances and five rapid-response fire engines were taken over by volunteer fire brigades and rescue teams, as well as professional fire brigades at the National Directorate General for Disaster Management, Ministry of the Interior. Some of the vehicles were financed from the European Union and some from domestic sources.

## Deputy Directorate General Organization



Last year, disaster management handled almost eighty thousand, to be precise, 79 thousand 922 cases, so it can be said that there has been a significant increase in the number of events compared to the previous year. This indicator is also higher than the average of recent years, the change is mainly due to more unfavorable weather conditions than before. The increased number of cases did not, of course, cause any disruption in the provision of rescue fire protection in Hungary, and the fire brigades handling them performed their duties properly.

The role of voluntary fire brigades in rescue fire protection continued to be strengthened. Thanks to a central tender for them, they received significant financial and asset support. The number of voluntary fire brigades working together with professional fire brigades and

independent firefighters has continued to grow. In 2019, there were fifty-five voluntary associations that operated independently, and fourteen associations entered into a new cooperation agreement. There are a total of six hundred and thirty voluntary fire brigade associations in Hungary. As the number of intervening and participating associations increased, the fire rescue coverage of the country was further improved.

In 2019, the field also performed tasks related to the centrally provided equipment development tender for municipal fire brigades. All municipal fire brigades successfully applied, as a result of which they renewed and expanded their equipment necessary for the performance of their duties.

We have updated the knowledge base for the daily training of professional firefighters, published a number of instructional videos, photographs, professional documents and lecture materials. The field organized several national-level further trainings and exercises, as well as the firefighting sports, firefighting and technical rescue competitions, and the national fire inspection competition.

Simultaneously with the amendment of the National Fire Protection Regulations, the field reviewed and recasted all twelve fire protection technical directives, and a new one was prepared.

The National Fire Prevention Commission continued to introduce and promote smoke detectors in order to reduce the number of tragic fires, distributing five hundred such devices to the socially deprived. The committee held public information forums and fire prevention demonstrations in a number of locations.

Work continued to unify fire inspection on the international stage, and Hungarian experts also proposed the launch of an international fire inspection competition series at the CTIF fire inspection working group meeting.

The Civil Protection Department reviewed settlement risks to make prevention and incident management more effective, resulting in eight settlements being assigned to other disaster management departments.

We held further trainings for the chairmen of the local defense committees in cooperation with the experts of Hungarian Public Road Nonprofit Pte Ltd. and Hungarian Suzuki Ltd. in Esztergom and Kiskőrös, respectively. Under the direction of the National Emergency Management Center of the Interdepartmental Coordination Committee for Disaster Management, we held nationwide core management exercises in preparation for flood events and emergency winter weather situations.

Among the tasks arising from NATO membership was the effective preparation and implementation of the exercise of mass rescue and injury care, for which we held an international conference with the participation of the Ministry of Human Resources and the National University of Public Service.

The HUNOR Rescue Organization took part in an international exercise in Romania and Serbia, and the rope technique unit performed excellently in the GrimpDay Europe and Asia competition. The HUSZÁR Rescue Organization practiced in Austria. The first national professional competition for volunteer rescue organizations took place in the country with the participation of twenty teams.

The number of volunteers in 2019 exceeded twenty thousand. During the year, we reclassified two hundred and three volunteer rescue organizations, affecting a total of more than three thousand people. More than eighty-one thousand people have received civil protection training. Rescue organizations were used in three

hundred cases. We supported eighty-three volunteer rescue organizations in a tender worth HUF 100 million. We have prepared more than eighteen thousand students through community service and the Disaster Management Youth Competition.

Last year, we placed special emphasis on improving the preparedness and responsiveness of operations managers. We paid special attention to the time of receipt of the incoming data sheets. For the first time, operations managers and on-call managers took exams from the e-learning educational material. In addition, the entire on-call staff participated in communication trainings, which focused on emergency communication with citizens and associates. The results of the 2nd On-call Professional Competition also confirmed that colleagues do high-quality professional work every day.

Disaster management operations services effectively managed the elimination of complex incidents, the inspection of the circumstances of fires, and the regular professional inspection of the standby personnel.

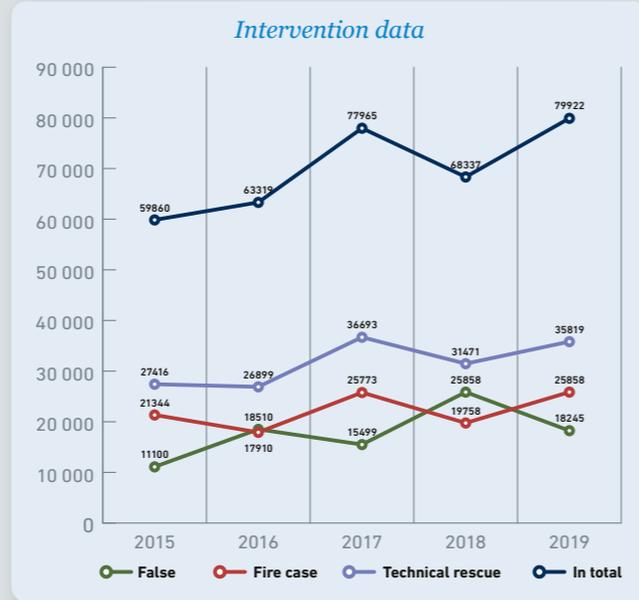
Krisztián Erdélyi  
Fire Fighter Brigadier General  
Deputy Directorate General

# Deputy Directorate General Organization

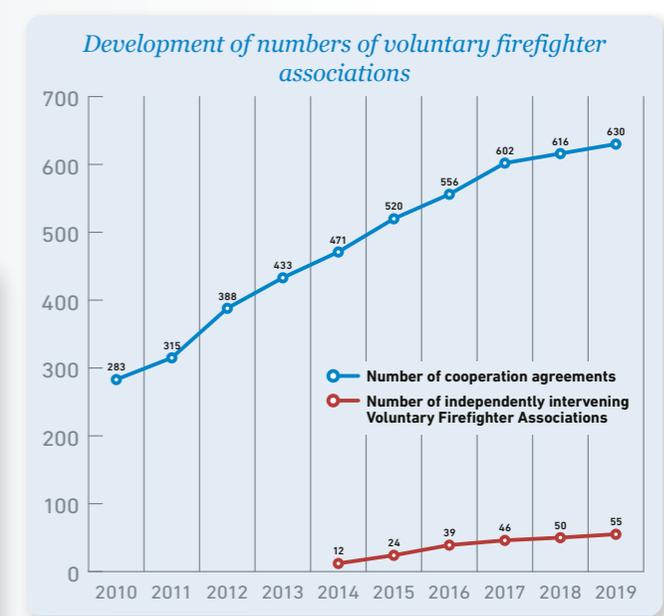
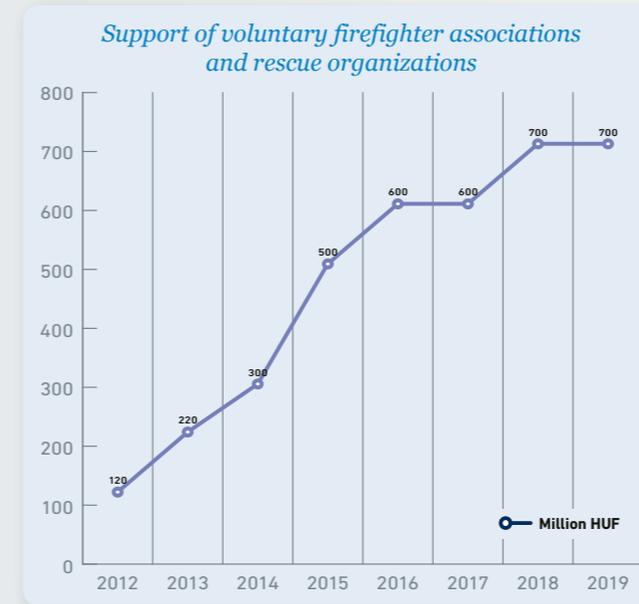


▲ Last year, compared to 2018, the number of both fires and technical rescues increased: in the case of fires, the number of outdoor fires increased significantly, almost doubling. There were roughly 13 percent more technical rescues in 2019 than in the year before. It remains typical that 99 percent of cases are individual or individual high-profile injury events.

► The intervention staff took part in more than ten thousand different types of exercises, as part of their daily training. In addition, several complex exercises were held in the country: in Hajdú-Bihar county, a mass accident was simulated on the M4 motorway under construction, a railway accident was reported at the Pécsbánya organizing station, and was an aircraft search and rescue collaboration exercise.



▼ The National Fire Prevention Commission and the regional fire prevention committees attended almost two thousand five hundred events last year, during which fire prevention knowledge was disseminated to more than eight hundred and fifty thousand people. More than three hundred community service students were involved in organizing fire prevention events.



▼ The creative competition was a great success, with a total of 8,692 works. Thousands of children were able to learn about the lives of firefighters and the daily dangers of fires in a playful way as part of a nationwide series of

# Deputy Directorate General Organization



events called the “Open Ward Gate”. In 2019, Disaster Management also participated in the event called the Great Sports Choice and in the programs called “Safety Week”. It organized a conference on the experience of outdoor fire prevention in order to prevent accidents related to agricultural harvesting works, and in the framework of a series of conferences presenting the work of its great predecessors in memory of Pál Szabó and his sons, the inventor of the steam syringe.

▼ 2019 did not pass without extreme weather phenomena - hail, violent thunderstorms - they caused the most damage and disruptions in Békés, Borsod-Abaúj-Zemplén, Csongrád, Heves and Szabolcs-Szatmár-Bereg counties. The response was coordinated by the operational work bodies operated by the professional disaster management bodies, and in addition to the disaster management forces, voluntary fire brigades and rescue organizations, as well as volunteers providing assistance, also took part in the defense.

Development of tenders of voluntary fire brigades

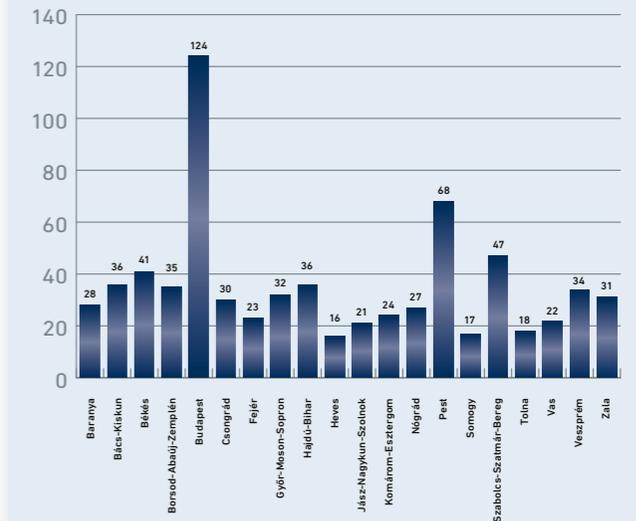


▼ As an integral part of prevention work, more than sixteen thousand civil protection inspections were carried out by professional disaster management agencies during the year. In 2019, the civil protection department held more than one thousand seven hundred exercises. Two of these value-creating practices stand out, involving voluntary rescue organizations: a large-scale local water damage field exercise was organized in the spring to protect against water damage, two hundred and thirty people worked in these fifteen organizations, and a winter operational rescue unit difficult technical skills.



► The number of citizens working in voluntary rescue organizations now exceeds twenty thousand. In 2019, for the first time, rescue organizations had the opportunity

On site fire inspection



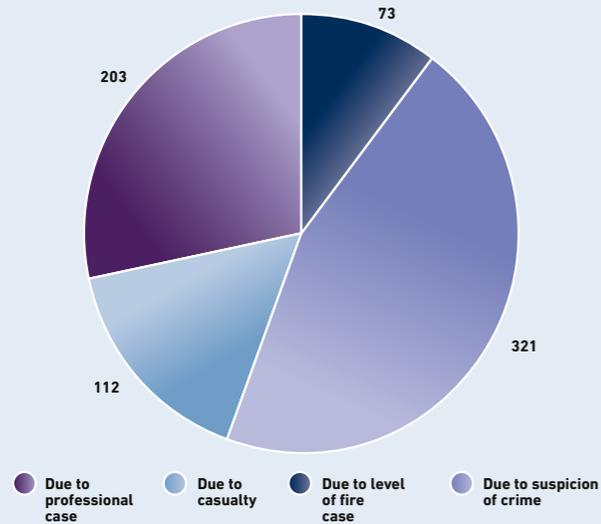
to test their knowledge in a professional competition. In addition to the preparations, the development of rescue teams from EU and domestic budget sources is an important aspect. At the end of the year, nationally certified voluntary rescue organizations were able to take over a total of forty-five equipped vehicles, which

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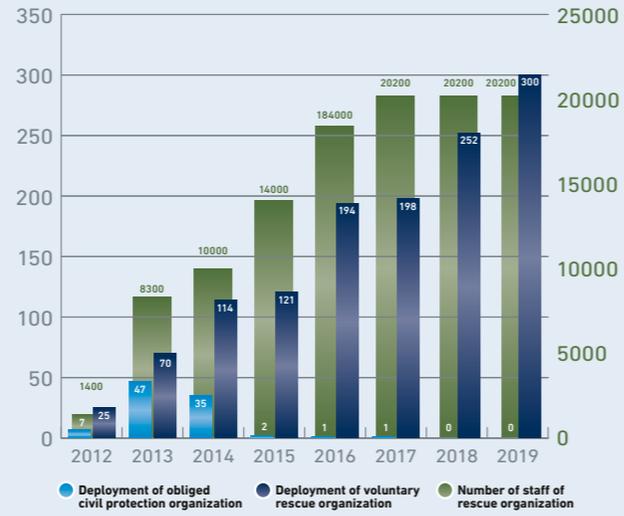


could be used to protect against water damage, extreme weather events and climate change, and to increase the self-defense capacity of municipalities.

Cases of starting fire inspection



The development of the number and deployment of voluntary rescue organizations



▼ In order to increase the local knowledge of the on-call staff, the duty officers in the county's main and operations management departments took part in the preparation of a professional fire brigade, which was held by the local leaders. They got to know the geographical characteristics of the county and the professionally high-



lighted facilities. Colleagues also measured themselves in this field: sixty competitors competed individually and in team in the 2nd On-Call Professional Competition. In addition to the theoretical tasks, the teams solved a real, complex damage event in the competition. The task for each team was the same with the location typical of their own county and the available forces and equipment.

▲ In 2019, the HUNOR professional rescue organization participated in - among other things - the Vigorous Warrior 2019 NATO field exercise held in Romania in early April, as well as the complex exercise aimed at earthquake emergency response SRBIJA 2019 in Serbia. The team has a very meaningful year behind it, in

addition to performing UN INSARAG tasks, the rescue dog unit also measured itself.

▼ In the summer, HUNOR's rope technique unit won the silver medal in the prestigious international GrimpDay rope technique competition from Belgium's thirty rescue teams from four continents - as the best European unit. Then, in November, they won the "Most Creative" award at the GrimpDay Asia World Championships.



## Deputy Directorate General for Authority Affairs



The work of the disaster management authority in 2019 was characterized by a customer-focused, supportive authority presence, extensive preliminary plan consultations and consultation opportunities, and the professional and lawful conduct of official and authority procedures.

Thanks to the unified nationally law enforcement practice, close cooperation with clients' professional organizations, and the service provider's administrative approach, organizations under official and industrial safety supervision typically comply with the rules, and voluntary compliance and thus security have been strengthened.

One of the outstanding results of the year was the amendment of the National Fire Protection Regulations. With

the involvement of thirty professional organizations in the field and the incorporation of practical application experience, widespread acceptance of the regulator was achieved. Following the promulgation of the legislation, a series of preparations will help its application.

Another important milestone is the IT system developed as a result of the "VIZEK" project, which is suitable for the electronic conduct of the full range of water authority procedures. The previously acquired modern computer equipment enables to act faster and more efficiently in the field of water management and water protection of disaster management by directly accessing the completed electronic water register authority register and the electronic water resources contribution system, as well as the real estate register.

There are new and new challenges in the prevention of major accidents involving hazardous substances, so in addition to licensing and supervision tasks, safety issues related to the aging of hazardous plants, maintenance systems and the management of subcontractors need to be addressed. In the knowledge of domestic and international practice, we have prepared a strategy and task plan, the application of which can be improved in the exercise of industrial safety competencies, in cooperation with operators and professional organizations.

Nuclear safety has been ensured through the modernization of special vehicles, equipment and IT applications used to detect hazardous or radiant materials. In 2019, with the participation of a pool of experts, a new high-tech center was completed, which is suitable for coordinating nuclear emergency response tasks, preparing decisions, performing tasks related to early warning and informing the public.

Based on past experience and an examination of the effectiveness of controls, we have introduced new control methods, which have resulted in a significant improvement in the detection rate of irregularly transported dangerous goods in 2019. That reduces the risk of accidents. The aim was also to reduce the risks by organizing workshops processing illegal gas distribution, sales from vehicles and the handling of gas cylinders involved in road accidents or fires.

In order to ensure the continuity of public services provided by critical systems and facilities, stakeholders applied and implemented security plans during the year. Cooperation with operators and designating authorities has been strengthened. The number of designated national critical components under official supervision has increased by more than a third and the number of operators providing basic services has almost quintupled.

In 2019, for the first time, we organized a nationwide exercise related to designated essential systems. In this frame, we pointed out the interdependencies between the systems, the investigation of which facilitates the efficient handling of damage events and increases the responsiveness. In the field of critical infrastructure protection, the main benefit of official work and practice is that these services can be operated continuously even in exceptional circumstances.

We successfully implemented the objectives set with the partner authorities and professional organizations at the Spring Authority Roundtable held for the third time.

In 2019, special attention was paid to multifaceted capability development. In addition to the acquisition of mobile IT equipment and special vehicles, we also further deepened the professional knowledge of the staff. Continuing education topics, professional competitions were renewed, and colleagues participated in high-quality national and international conferences, professional workshops and joint internships. The experience gained

has become part of the day-to-day work through procedures and methodological guidelines.

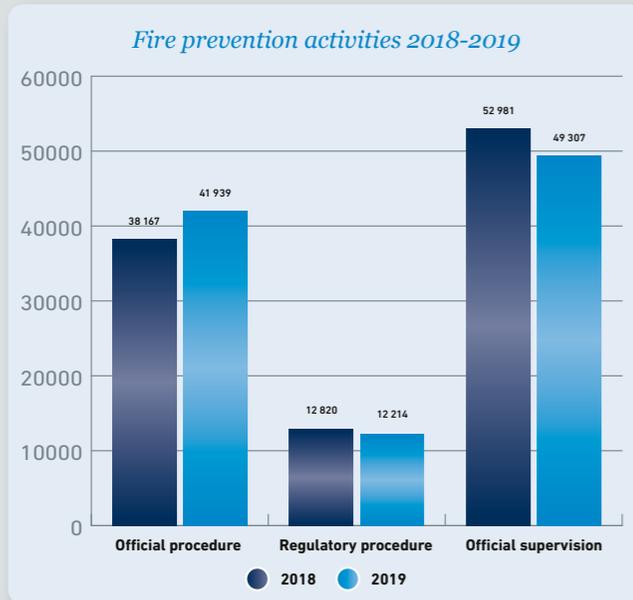
Using European Union funds and modern IT solutions, we developed the radiological telemetry network, the monitoring and public alarm system of hazardous plants, and the county industrial safety information centers were established. An advanced IT workflow support system was completed as part of an independent project.

Balanced, consciously planned authority work ensured the implementation of priority developments from the point of view of the national economy, the continuous operation of critical infrastructures, and the protection of property and, above all, human life through prevention and risk reduction activities.

A handwritten signature in blue ink, reading "Mógor Judit".

Dr. Judit Mógor  
Fire Fighter Brigadier General  
Deputy Director General  
for Authority Affairs

# Deputy Directorate General for Authority Affairs



◀ In 2019, the fire prevention department carried out a total of almost fifty-five thousand official and regulatory procedures nationwide, and the number of fire protection official inspections and inspections exceeded fifty-eight thousand. Specialists carried out one thousand three hundred fire protection permits in connection with the investments that are important from the point of view of the national economy.

▼ The practical tests introduced in recent years have successfully supported the handover of the refurbished stations on the northern section of the M3 metro. A real-life smoke test in January proved that the fire protection equipment installed during the renovation was working effectively. As a result of the reconstruction, the affected metro section has become significantly safer.



◀ With the further strengthening of investor and design freedom and its modern system of requirements, the newly established National Fire Protection Regulations allow architecturally complex, large-area, specially structured buildings to be designed in a more cost-effective way, using more flexible technical solutions without compromising fire safety requirements.



▲ With the safety of children in mind, the main goal in previous years was to improve the fire safety situation in nurseries, kindergartens and primary schools, and in 2019 in secondary schools. The fire protection authority held preliminary consultations and professional advice for the operators of the facilities, after which it examined the fire safety situation of secondary schools during roughly a thousand official inspections. As a result of the preliminary consultations, the fire protection situation of the facilities had already improved before the inspections, and as a result of the inspections, the deficiencies had been eliminated.



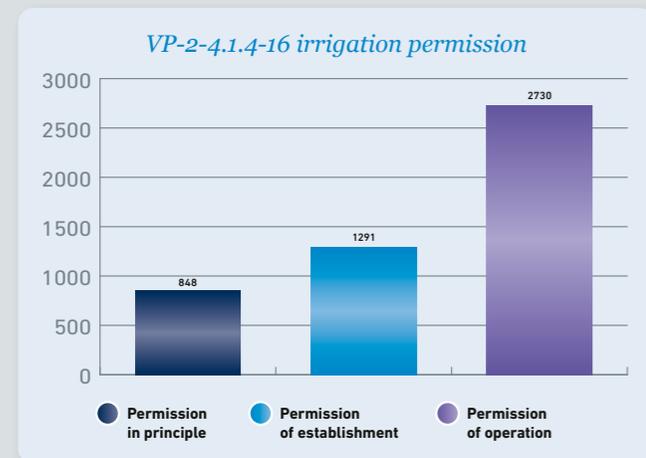
▲ At the end of May, the National Fire Prevention Competition was held for the fifth time for the employees of the disaster management bodies performing official tasks. Based on the evaluation of the competition tasks, the best of the country became the team of Hajdú-Bihar county, and the individual priority was won by Major Ádám Bata (Heves county).

▼ In 2019, the specialization of water authorities acted in 32 thousand 525 cases of water and water protection authorities nationwide. A total of 2 thousand 41 water and water protection authority and authority procedures were related to the permitting of investments of special importance from the point of view of the national economy. To ensure the safe and legal operation of the water facilities and the continuous operation of the water utility facilities, the specialists conducted nearly three thousand to six hundred inspections and surveys. The field also paid special attention to the submission of pollution reduction schedules.



# Deputy Directorate General for Authority Affairs

▼ In order to support the use of water for irrigation, the NDGDM also participated in the preparation of the change in legislation, as a result of which annual irrigation was replaced by simplified irrigation water use, and extraordinary water use for irrigation was established as a new legal institution.



▼ In 2019, more emphasis was placed on water protection regulatory and operational activities. The targeted protection of surface and groundwater has been strengthened through the targeted training of the stock and the development and implementation of annual monitoring plans.



▲ There are 113 upper, 146 lower threshold hazardous plants and 359 below threshold plants in Hungary, the official supervision of which is regulated by the Seveso 3 Guideline. It is provided by a staff prepared in accordance with the provisions of the directive and the domestic regulations. The department has conducted more than 2,000 inspections, on-site inspections and plant identifications to verify the legal and safe operation of plants, the adequacy of conservation design practices, and compliance with regulatory requirements in permitting procedures.



▲▼ Over the past year, the employees of the industrial safety department have repeatedly increased their knowledge and proved their readiness abroad. Such was the International Atomic Energy Agency's radiological reconnaissance exercise in Las Vegas, which was attended by four members of the disaster management staff. The reconnaissance team also found radiation sources hidden by the organizers in areas where teams from other countries failed, with their performance gaining recognition from the organizing United States and the International Atomic Energy Agency. Dangerous goods transport staff took part in further training in EU Member States and in joint international inspections. International experience, which ensures efficiency, is suitable for the implementation of disaster management into domestic implementation.



▲▼ In addition to regular exercises, the development of the skills of the personnel serving in disaster management mobile laboratory vehicles was also served by region-



# Deputy Directorate General for Authority Affairs

al and national competitions, in which county teams compared their knowledge in radiological, biological, chemical, water analysis and management techniques. The competition was won by the team called Tisza Labor of Csongrád County Disaster Management Directorate.

▼ Last year, the specialty responsible for the control of dangerous goods inspected 6 thousand 968 times, a total of 36 thousand 541 road, rail and water vehicles carrying dangerous goods, as well as 197 air shipments containing dangerous goods. In 2019, 44 percent more irregular vehicles were detected than in the previous year. This is due to the measures taken to develop the professional

capacity of the audit staff and the new audit working methods applied from 2019. In the past year DISASTER inspections were carried out – with the involvement of partner bodies – five times, in the framework of which the experts inspected almost fourteen thousand vehicles.



▲▼ The third national professional competition of inspectors supervising ADR vehicles was held in 2019 in Balatonföldvár. The team of Nógrád County Disaster Management Directorate finished in the first place.



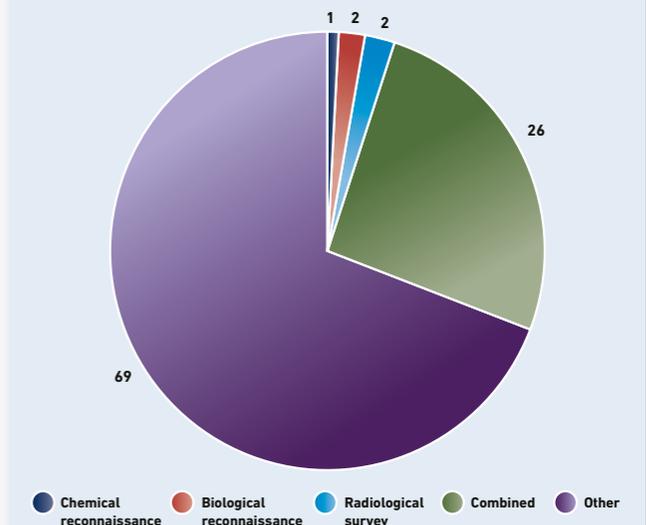
▲▼ On 29 November 2019, the Directorate-General conducted a complex, critical infrastructure protection, disaster response and cooperation exercise with Baranya County Disaster Management Directorate, the University of Pécs, partner bodies, and energy and public utility service providers. The purpose of the event was to exercise and control during operation the measures, procedures, forces and equipment that are necessary to ensure the



continuity of operation of a vital system component and that are justified from the point of view of industrial safety regulatory supervision.



Distribution of types of emergency reconnaissance



▲ In 2019, disaster management mobile laboratories performed most often the discovery and identification of unknown chemicals.

## Deputy Directorate for Economic Affairs



As in previous years, the Deputy Directorate General for Economic Affairs achieved significant results in 2019, with which it contributed to the achievement of the objectives of the disaster management organization system. The focus of the management tasks was to create a fleet of vehicles and equipment of a standard corresponding to the challenges of the era, as well as to modernize the technical and protective equipment, and to develop IT. The departments of the Directorate carried out their 2019 tasks with these goals in mind.

The implementation of EU-funded projects in all areas of disaster management, with a total value of approximately HUF 52.7 billion, successfully continued in order to enable the implementation of higher-quality disaster management.

A number of real estate investments took place during the year. The construction of the disaster management post was completed in Sopronkövesd, the construction started in Fehérgyarmat, Gyöngyös, Kiskőrös and Villány. The central warehouse base of the Economic Supply Center has been expanded with a new, modern hall of eight hundred square meters.

In order to replace the depreciation of standby vehicles and to develop the fleet of disaster management vehicles, ten critical infrastructure deployment units and an educational disaster management mobile laboratory vehicle, four single and thirteen double cab forest fire water transport vehicles were installed. In addition, in 2019, the NDGDM procured one hundred and forty off-road vehicles, of which forty-five vehicles equipped with flood and civil protection equipment were handed over to voluntary rescue organizations.

Within the framework of the KEHOP project, fifty-six public alarm information points and the same number of monitoring endpoints were established last year, the radiological and telemetry network of the NDGDM was renewed along with the control of public alarm systems. The advanced level of disaster management development of the Lake Balaton region continued. Within the framework of this project, three lakeside and four new coastal storm signaling stations were established.

In addition, developments aimed at supporting water management, maintenance, regulatory, tax and research-statistical tasks related to agricultural irrigation from EU funds have been implemented.

In order to ensure modern placement conditions and energy efficient operation, seventeen properties are

also being developed for building energy within the framework of the KEHOP tender; in addition, energy investments of five properties could be realized from domestic sources within the framework of the 2019 energy rationalization tender. Out of the annual institutional investment and renovation framework, an additional sixty-two real estate investment and renovation works were completed with a total value of 273.7 million.

Last year, the budget also supported the operation of voluntary fire brigade associations, voluntary rescue organizations and municipal fire brigades within the framework of the tender system: it provided more than seven thousand to six hundred assets for 608 organizations, with a total value of HUF 496.6 million. Five voluntary associations were able to take over a custom-designed Mahindra-type emergency intervener vehicle.

In order to maintain the intervention capability of high-altitude fire engines, which are of key importance in the system and technical provision of the country's firefighting and technical rescue tasks, NDGDM procured two 32-meter and one 42-meter high-rescue vehicles using its own resources. In order to fully perform its core tasks in disaster management, the Directorate General has continued to depreciate its passenger cars, handing over forty-three cars last year and launching a further fifty-seven purchases. The program will be implemented in 2020.

The nationwide construction of the modern building engineering control system continued, in the framework of which the news desks of thirty-two barracks were developed last year. The system installed on professional fire brigades and guards directly receives alarms from the operation control system (PAJZS) and starts the appropriate building control processes.

In order to effectively support the performance of tasks, the Disaster Management acquired IP telephones using modern wired telecommunication technology and universally usable, modern drones.

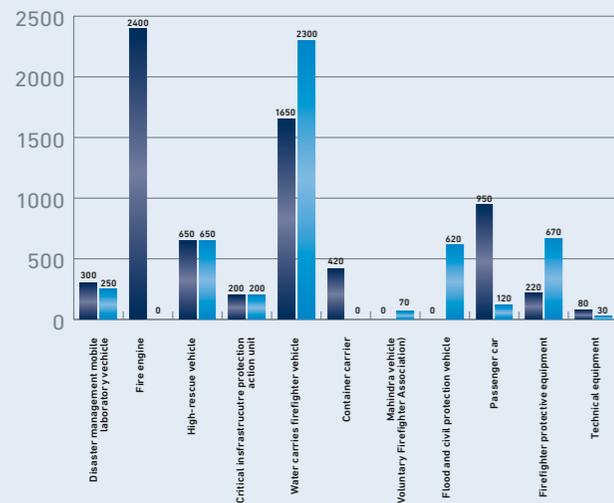
The task of the economic field was to provide resources last year: in 2019, the maximum utilization of domestic budget resources and tender opportunities brought great progress in the life of disaster management.

In addition to the implementation of key tasks, the annual activity of the field was characterized by a complex, results-oriented approach and development. Thanks to tight, cost-effective management, disaster management closed the year without debt. The employees performed their tasks precisely, with maximum commitment, and continuously improved their knowledge, thus contributing to the achievement of the strategic goals of the disaster management organization.

Péter Bartók  
Fire Fighter Brigadier General  
Deputy Director General  
for Economic Affairs

# Deputy Directorate for Economic Affairs

Disaster management asset acquisition 2018 - 2019.



▲ In 2019, Disaster Management procured more than six thousand protective equipment from its own budget, including deployment protective clothing, helmets, boots, breathing cylinders, and heavy gas protective clothing, the total value of which exceeded HUF 60,000 million. In addition, special equipment and technical devices were included in the system, including gasoline-powered chainsaws, power generators, fire ladders, hoists, worth approximately forty-three million forints.

Vehicles put in service in 2019

Name	Quantity	Cost	Source
Passenger car	43	246,5 million HUF	NDGDM own budget
High-rescue vehicle	3	663,6 million HUF	NDGDM own budget
Mahindra quick intervener (for voluntary rescue organizations)	5	104,2 million HUF	NDGDM own budget
Critical infrastructure unit vehicle	10	195,4 million HUF	EU funding
Double and single cab water transport fire engine	17	2 321,5 million HUF	EU funding
Disaster Management Mobile Laboratory training vehicle	1	207 million HUF	EU funding
Flood and civil protection vehicle (for voluntary rescue organizations)	45	646,6 million HUF	EU funding
<b>Total</b>	<b>124</b>	<b>4384,8 million HUF</b>	



# Deputy Directorate for Economic Affairs

*Significant investment and renovation works (exceeding 10 million HUF) implemented from the central budget of the NDGDM in 2019*

Megnevezés	Költség	Forrás megnevezése
Baja Professional Fire Brigade: modernization of piping systems and water block	<b>11,9 million HUF</b>	NDGDM own budget
Szeghalom Professional Fire Brigade: facade thermal insulation	<b>20 million HUF</b>	NDGDM own budget
Debrecen Professional Fire Brigade: aggregator replacement	<b>15,2 million HUF</b>	NDGDM own budget
Nógrád County Directorate for Disaster Management: Wing B roof renovation	<b>11,8 million HUF</b>	NDGDM own budget
Veszprém County Directorate for Disaster Management: courtyard renovation	<b>14,1 million HUF</b>	NDGDM own budget
Zalaegerszeg Professional Fire Brigade: exterior renovation of hose drying tower	<b>11,8 million HUF</b>	NDGDM own budget
Logistics warehouse	<b>176,9 million HUF</b>	EU funding
Sopronkövesd Disaster Management post building	<b>117,8 million HUF</b>	EU funding and NDGDM own budget

▼ Reducing the adverse effects of climate change is an important consideration in the implementation of disaster management posts. An important goal is also to improve a higher level of disaster management and resilience to disasters.



▲ A new, central warehouse for disaster management is located in District 17 of Budapest. The six-meter-high, heated hall was also built with environmental considerations in mind: the building received adequate thermal insulation, solar panels and modern lighting.

## IT developments

Megnevezés	Forrás megnevezése	Költség
Development of the automatic positioning display interface in the PAJZS alert and decision support system (software) within the framework of the ESR-112 project	Internal development	-
Renewal of the central website of the NDGDM	NDGDM own budget	<b>16,78 million HUF</b>
Construction of mechanical control system (31)	NDGDM own budget	<b>30,1 million HUF</b>
UAV acquisition (4)	NDGDM own budget	<b>6,69 million HUF</b>
Table (IP) phone acquisition (77)	NDGDM own budget	<b>9,4 millió Ft</b>



◀ ▲ In 2019, within the framework of the project KEHOP-1.6.0-15-2016-00017 for Development and Preparation of Voluntary Rescue Organizations, NDGDM procured one hundred and forty off-road vehicles, of which forty-five vehicles for use in flood and other civil protection situations were handed over by the volunteer rescue organizations.



# NDGDM Economic Supply Center



▲ In 2019, the organization implemented several significant investments and renovations. Outstanding among these are the complete reconstruction of the central garage and the construction of a nationwide charging network of sixty-four units required for the operation of purely electric passenger cars. Due to the special technical properties of electric passenger cars and in order to ensure safe operation, the organization has developed a unique training program, in addition to which basic and advanced driving technical trainings have been held continuously.

▼ A significant result of the year was the expansion of the center's warehouse base with a new hall, increasing the cargo area by eight hundred square meters.



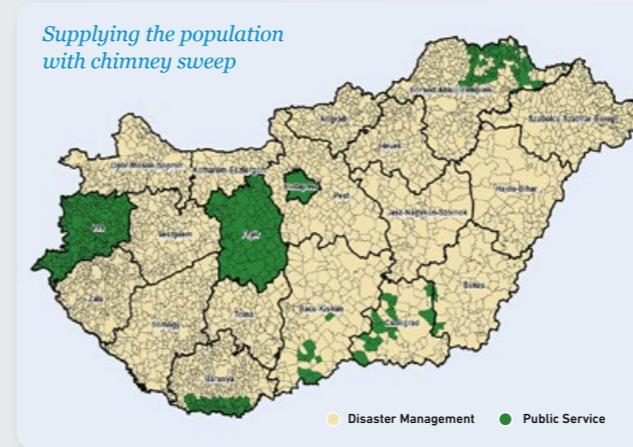
▼ In 2019, the logistical support of the foreign and domestic exercises and events of the HUNOR and HUSZÁR rescue organizations was fulfilled as planned; the most complex preparations were required by HUNOR's exercise in Romania and Serbia, as well as the participation of the rope technique team in international competitions in Belgium and China.



▼ The Jogar Education Center and Hotel in Balatonföldvár closed a successful year, which further improved its



occupancy and strengthened its role in domestic tourism during the year. In 2019, the renovated NARO Camping hosted the children's disaster management camp for the first time. As part of the IT developments, the camera and WIFI network of NARO Camping and the IT design of the room of the NDGDM Nuclear Accident Information and Assessment Center were also completed.

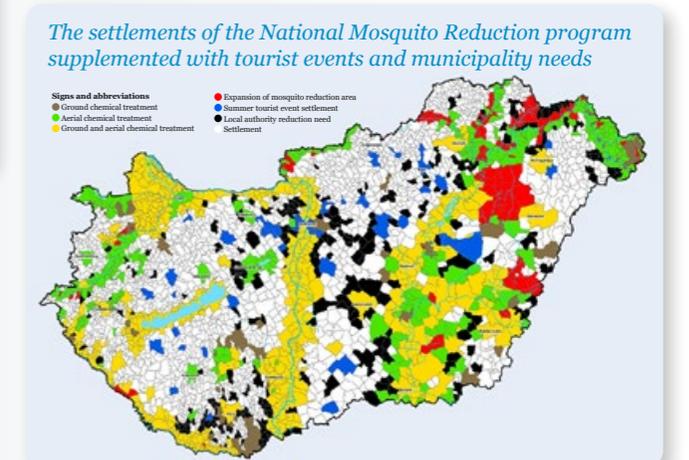


▲▼ At the end of 2019, chimney sweeps of the Economic Supply Center of the NDGDM already carried out regular inspections and technical inspections of more than 2 and a half million residential flues in 2 thousand 672 settlements in 17 counties of the country. The center's more than six hundred skilled workers and masters conducted a total of 1,122,000 chimney inspections during the year. As a result of their work, all condominium flues in the



area of disaster management were inspected. In 2019, the chimney sweeps of the Economic Supply Center of the NDGDM were the main characters of a social advertising campaign. As part of an integrated campaign from May to the end of August, the organization drew public attention to the importance of chimney sweeping work and changes in care, using a wide range of communication tools. The advertising was effective.

▼ The national mosquito reduction program was implemented in 2019 under the coordination of the Economic Supply Center; the size of the treated area was unusually 1,108,282 hectares. In accordance with the practice of previous years, the program took place between 29 April and 15 September with biological larval infestation and aerial chemical and terrestrial chemical infusion.



Due to the weather, an extreme mosquito invasion developed nationwide in the summer of 2019. To address the emergency, the center intensified defense as early as mid-June, reducing the invasion caused by adult mosquitoes by an average of one hundred thousand hectares per week. The government provided an additional HUF 825.4 million with an individual government decision, so the damage to the hip mosquito was reduced by the end of July, and all the planned treatments were carried out by specialists.

# BM HEROS Inc.

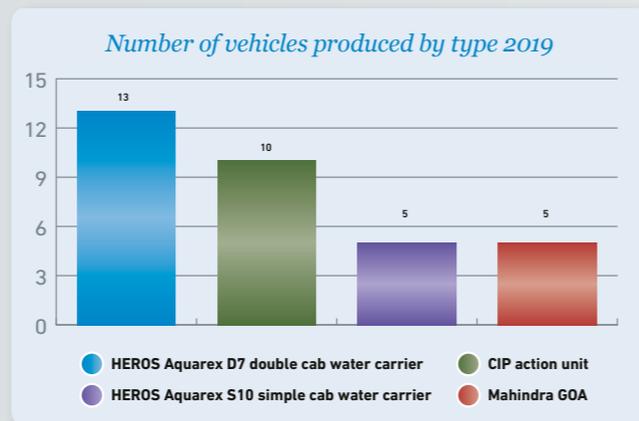


▲ The primary task of the BM HEROS group is to manufacture and renovate the firefighter syringes and special vehicles of the National Directorate General for Disaster Management, Ministry of Interior as well as to procure firefighting equipment and protective equipment, technical service, repair, and inspection and maintenance of respiratory protection equipment.

▼ In September 2019, the modern production hall of BM HEROS LEK Ltd. was completed at the Ezüstfa Street site. The 13-car hall, which can accommodate trucks and has a floor space of about 3,000 square meters, would significantly increase the production capacity.

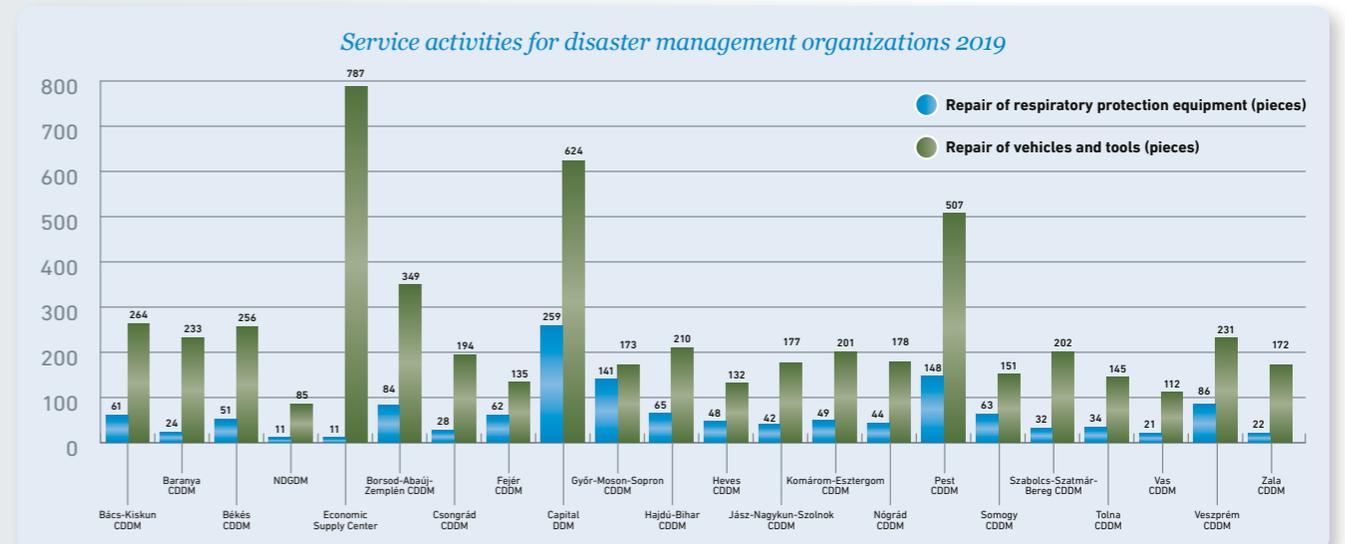


▼ BM HEROS LEK Ltd. provides the technical service and repair of the entire vehicle fleet and equipment of professional disaster management, as well as the inspection and maintenance of respiratory protection equipment with the involvement of more than a hundred subcontractors in addition to its central and three regional services. The quality of the respiratory protection service is provided by the central service, new technical equipment and the county respiratory services. In 2019, the organization performed a total of 6,904 service tasks.



▲ The BM HEROS group handed over 137 ambulances to the National Ambulance Service. In recent years, it has manufactured more than 300 new ambulances and has been able to maintain its market position, winning

the tender of the National Ambulance Service for the production of 160 ambulances. Both companies operated profitably, with their combined sales exceeding HUF 10 billion.

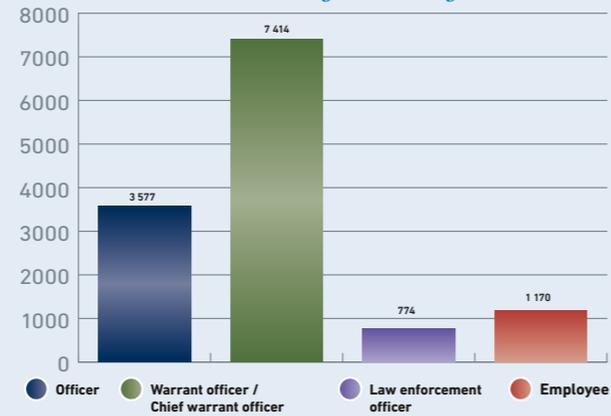


# Human Service

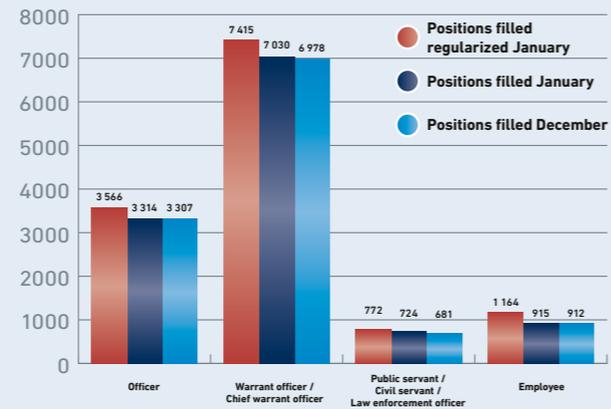


9, 452 professional colleagues received performance benefits from the professional disaster management staff in 2019.

Statement of regularized positions in the professional disaster management body



Statement of occupancy of the professional disaster management body



▲ With regard to the professional staff of professional disaster management, salaries were established from 1 January 2019 as a result of the completion of the new career and salary system related to the law enforcement career model, so salaries have increased by an average of 50 percent since the legislation came into force. Based on the previous year's performance appraisal,

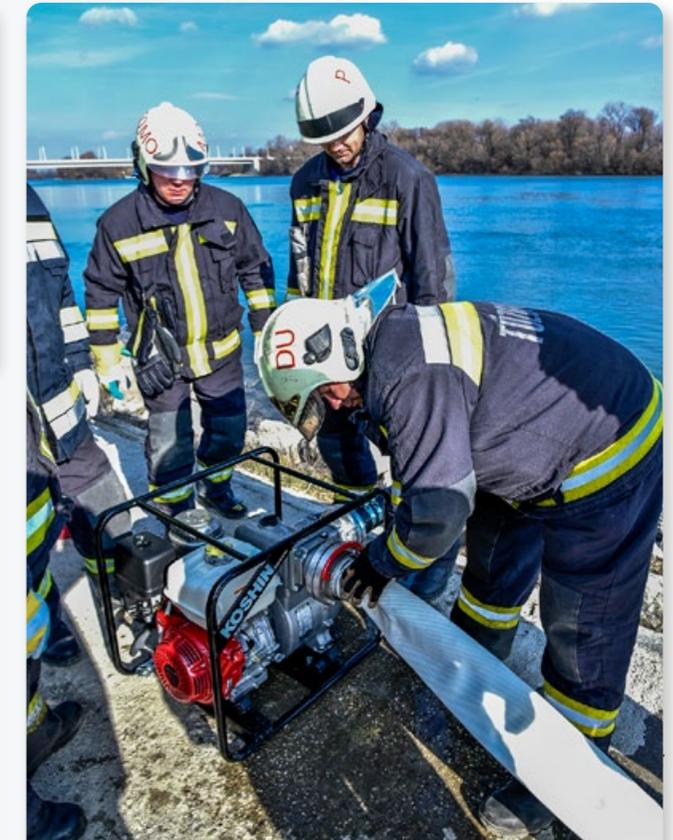
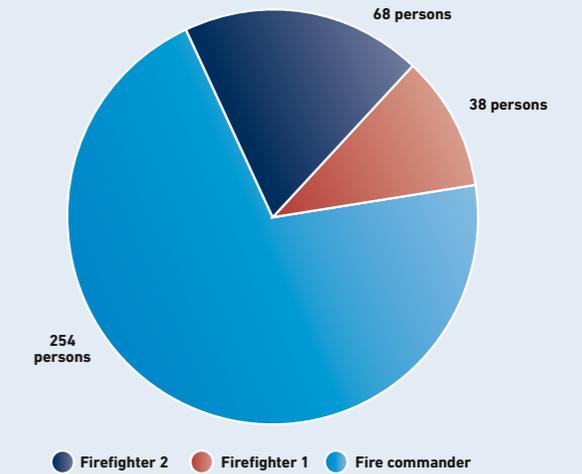


▲ For the outstanding service, courage, heroic standing, and voluntary support for disaster management, a total of 530 people – including not only the staff of the organization, but also police officers, volunteers, civilians – received ministerial and director-general's recognition.



▲▶ 254 people completed the firefighter vocational training in 2019, so in the period since the training started, almost 1 thousand 800 people have successfully completed their studies. More than a quarter of the executive staff thus already has comprehensive law enforcement and up-to-date firefighting professional knowledge. During the further trainings, 3 thousand 317 colleagues took part in various professional trainings (for example ADR, RID, ADN, ICAO, fire inspector, professional examination, leadership and master leadership training, driving technique).

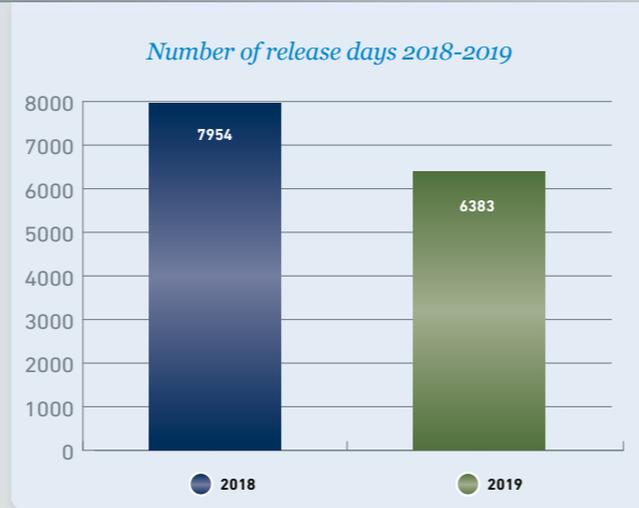
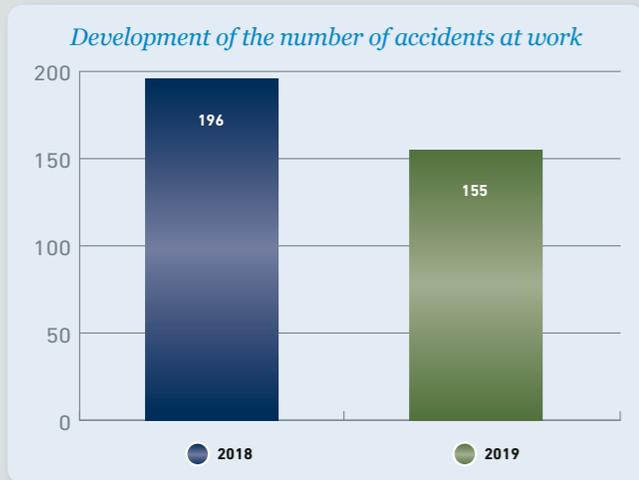
Number of graduates in the modular vocational training system of disaster management



# Human Service



▲▼ One of the most important tasks in the field of health care in 2019 was to educate for a healthy lifestyle and prevent accidents at work. During the year, the health fitness of 10, 450 colleagues was examined in the regional health psychology and occupational safety care centers.



Of the Driving Aptitude Test inspections required for driving vehicles with a distinctive sign, 1 thousand 203 cases were conducted involving professional, municipal, facility and volunteer firefighters.



▲▼ During the year, the youth and career management were renewed: more than four hundred students took part in the open day of the Disaster Management Education Center, and they also appeared in disaster management exhibitions and events, where they introduced the activities of the organization to the visitors.



▼ As part of the Disaster Management Youth Camp, organized for the first time in 2019, a total of ninety children could spend a week on the shores of Lake Balaton in one-week shifts.



# Disaster Management Education Center



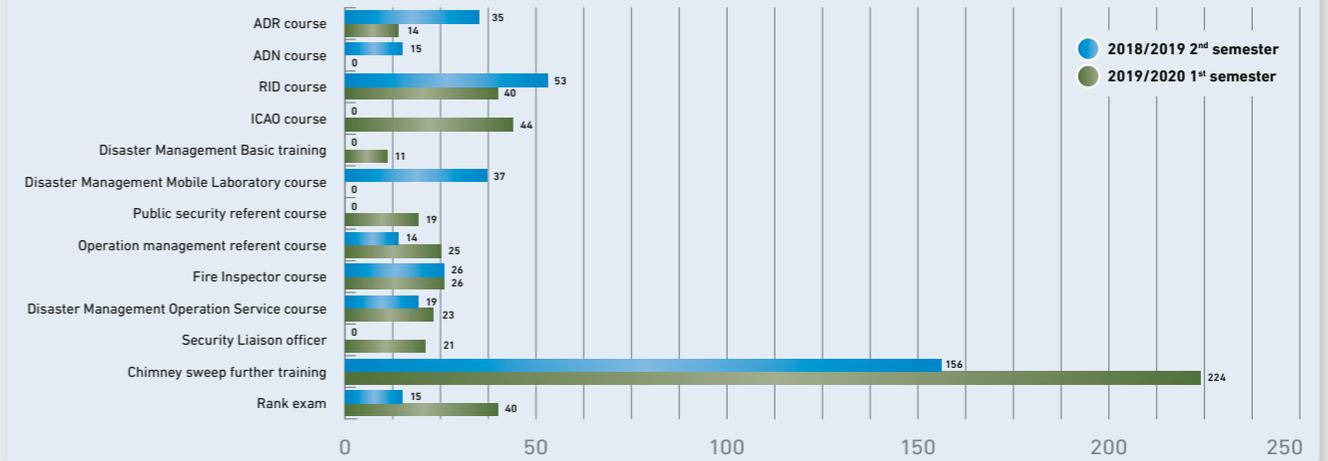
▲ In 2019, a total of 6,754 students contacted the Disaster Management Education Center for training and examinations, or only as part of examinations. As in previous years, last year the technical trainings were the biggest task with more than 3,600 examination units. In one year, five foreign delegations visited the institution, and teachers and trainers went on a professional study trip abroad fifteen times. Changes in the field and regulations have also affected the activities of the education center, and due to the development of technology, the range of trainings has become wider and wider. In accordance with the customer's needs, the content of the new trainings was constantly developed and the old ones were updated.

► The Disaster Management Education Center has promoted the firefighting profession in several forums. For its two open days, a total of 490 students from 23 schools

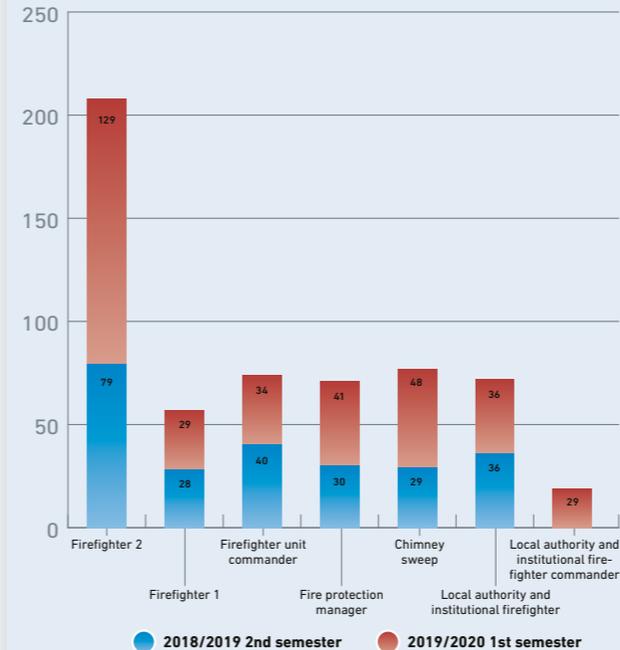
visited Laktanya Street. In October, hundreds of people were interested in the activities of disaster management at the SzakMázz career orientation exhibition in Budapest. The career guidance events were closed in November by the international conference "Career Orientation in Disaster Management – Criteria and Methods", co-organized by the Scientific Council for Disaster Management and the DM Education Center.



Participation data of trainings and further trainings entitling to perform special professional activities in 2019



Number of participants in training courses to fill the position in 2019



## Disaster Management Central Museum

▼ In 2019, the Central Museum of Disaster Management participated in forty-nine events. Among other things, it introduced itself in Austria with his exhibition "The Pioneer of the Hungarian Fire Brigade", enriched the central police and fire day ceremony with the new exhibition "The Life and Work of Count Ödön Széchenyi", participated in the Museums' Feast, the Open price gain gates, the



# Disaster Management Education Center

Firefighter day at the City Park, the Deployment 2019 professional day at the Palace of Miracles. It announced for the twelfth time Do Not Burn! drawing competition, which received almost a thousand entries. Last year, the institution received more than fifteen thousand domestic and foreign visitors, including firefighters from Vietnam, Austria, Greece, Slovenia, the Czech Republic, Poland, and South Korea. As part of the museum pedagogical work, one hundred and sixteen guided tours and museum sessions for schoolchildren were presented. Fifty-seven researchers visited the research service. On the occasion of the 150th anniversary of his birth, the memorial plaque of Count Ödön Széchenyi was made in the building of the Directorate General with the help of the museum.



▲ Two thousand and five historical objects, 2 thousand and 945 medals and coins, 1 thousand 119 industrial and technical history objects, 1 thousand 638 technical and technical history documents, 9 thousand and 942 archive photographs, 123 thousand and 707 database photos, 20 thousand meters of motion pictures can be found at the Museum. There are also 13,860 minutes of video footage and 17,165 volumes.

## Disaster Management Central Orchestra



▲ The Central Orchestra of Disaster Management celebrated its eightieth year of existence with a concert held at the Danube Palace in December 2018. The concert recording made at that time was published last year as an appendix to the publication presenting the history of the band. In 2019, the band held one hundred and sixty-six rehearsals and performed ninety times.



◀ The outstanding event of 2019 was the police and fire day event, which started in the usual order of action in Heroes' Square, then continued in the City Park and the Police Headquarters in Teve Street. The team was successful at events at the National University of Public Service, the National Penitentiary Command, and the National Tax and Customs Administration, and has traditionally been present at the Festive Book Week and Danube Carnival parades. Also, of course, it couldn't miss the #tetrishallenge popular on social media.



## Disaster Management Research Institute

◀ In 2019, the Disaster Management Research Institute was able to continue operating in a renewed environment. In the first quarter of the year, the central laboratory was renewed from tender sources, and the institute grew with new instruments and equipment. The conditions of material testing and analytical processes have improved. Fire inspector expert procedures meet the most modern challenges, the results of new developments are also used by the institute in the identification of the main components of unknown materials and in the field of industrial safety.



◀ In addition to the proficiency exercises of those serving in the vehicles of the country's mobile disaster management mobile laboratory, the institute developed and tested a prototype of a unit sampling kit. The modern, civil-proven sampling and storage system for subsequent laboratory analytical testing is suitable for the collection, storage and reliable transport of liquid and solid samples. The product and periodic fire extinguisher testing activities of the institute are significant, as the quality and condition of the fire extinguishers stored by the economic organizations obliged to stockpile the fire extinguishers and the fire extinguishing units must be checked annually by the owner. In 2019, 254 vaccine samples were inspected

# NKE Institute of Disaster Management



▲ The institute provides a recruit of specialists from undergraduate to master's degrees to doctoral training. One of the most significant achievements of 2019 is that the institution has developed the establishment documentation for the initial training of fire engineers, along with training and output requirements. Attracting tens of thousands of visitors at the Educatio International Education Exhibition, the institute presented itself among almost two hundred exhibitors, whose courses are extremely popular within the university.



▲ About a thousand students of the National University of Public Service participated in the now traditional joint public service exercise of the institution. The organizers simulated the spread of a particularly dangerous epidemic in a two-day, multi-site exercise called "Virus 2019". The exercise provided a good opportunity for work and cooperation between the different professions, to model the processes before the declaration of an emergency and the procedures related to its implementation.

▼ Traditionally, the largest biennial student scientific review of Hungarian higher education took place in the spring of 2019. A total of 164 students compared their knowledge at the 34<sup>th</sup> National Scientific Student Conference, including students from the Institute of Disaster Management, who took part in the event with thirty-two course works.



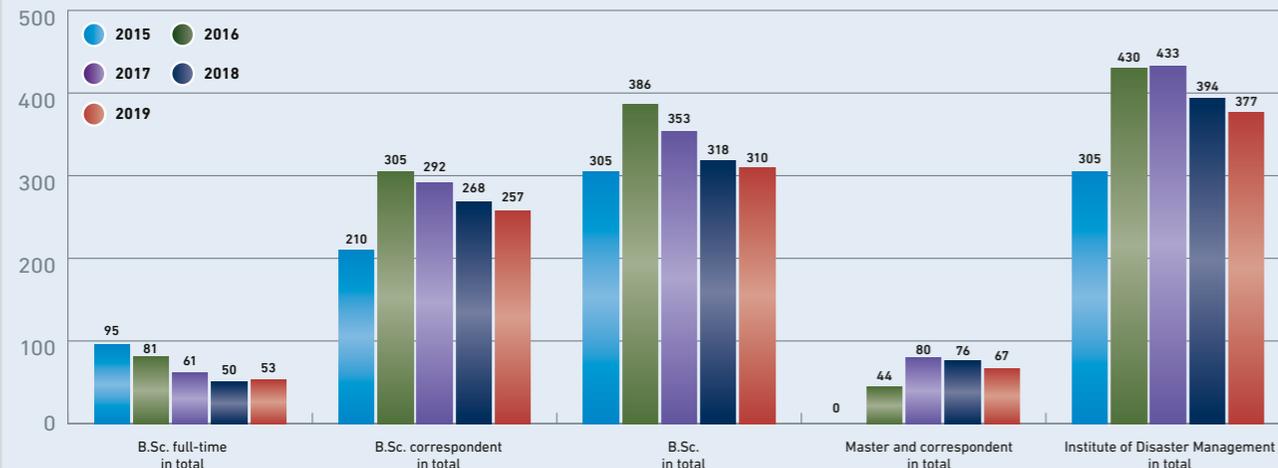
▼ The 10<sup>th</sup> Ludovika Festival, which is now traditionally organized by the National University of Public Service and the Ludovika Battalion of the Hungarian Armed Forces, began with a 100-day ceremony on 11th May. In addition to the spectacular disaster management and firefighter demonstrations in the square in front of the Ludovika main building, those who were interested could also get to know the university and institute trainings.



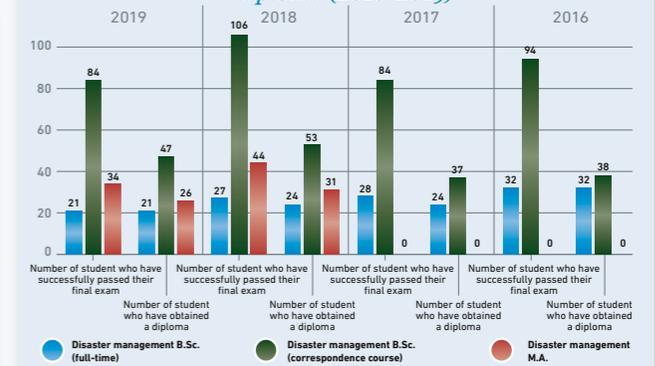
▲ Twenty-one full-time and seventy-two undergraduate and master's correspondence students of the National University of Public Service, Institute of Disaster Management received their diplomas in a solemn ceremony in the Saint László Chapel of the Ludovika Main Building in June.

▼ Compared to the number of students who have passed the final examination in recent years, the number of students who have obtained a diploma shows a continuous increase, which also means a qualitative development of the training structure of the institute.

Development of student numbers of the Institute of Disaster Management



Development of number of students who have obtained a diploma (2016-2019)



# Office



▲ The Office represented the Disaster Management with events and provided background support for the work of the professional fields. The Legal Department participated in eight own-initiative legislative amendments and also commented on some five hundred submitting sent by the Ministry of the Interior, examined the legal adequacy of seventy internal norms and also prepared for the full or partial deregulation of six regulators. The solicitors gave legal advice a total of 1 thousand 658 times to colleagues turning to them.

▼ Ensuring an adequate level of personal data protection is now a fundamental task. In addition, meeting the challenges of the 21st century - IT security must also be guaranteed. To this end, the Security Department, which ensures the full spectrum of data protection, was established within the organizational unit of the Office from 1 April.



▲ In 2019, a total of 44 requests for information in the public interest were received: half of this was fulfilled by the Office in whole or in part with other fields, and twenty-two were refused to fulfill. Most frequently, data requests were received in connection with mosquito reduction, water authority cases, authority cases of hazardous industrial plants, and contracts concluded by disaster management.



▲ Disaster Management has appeared in public at a number of exhibitions, professional events and publications. The customer service office received almost three thousand inquiries. The background of all this was provided by a carefully prepared stock. In the area of administration, the e-administration and the conversion of paper-based items into electronic records have significantly increased the number of data processed exclusively electronically.



▲ Disaster Management has been represented on two hundred and twenty-six professional trips abroad in the past year. The meeting of Directors General in Mongolia, the rope technique competition in Belgium and China, the study tour of the winner operations management team in Munich, the IRONORE 2019 staff management exercise in Austria, the Serbian–Russian international disaster management exercise and quite a few domestic events were outstanding in the range of international activities.



▲ Among the domestic events it is important to highlight the European Commission's Seveso 3 Directive Meeting of the Technical Working Group on Supervisory Inspections, meeting of the CTIF Fire Prevention Committee and reception of the delegation from Algeria, Vietnam and the Philippines.



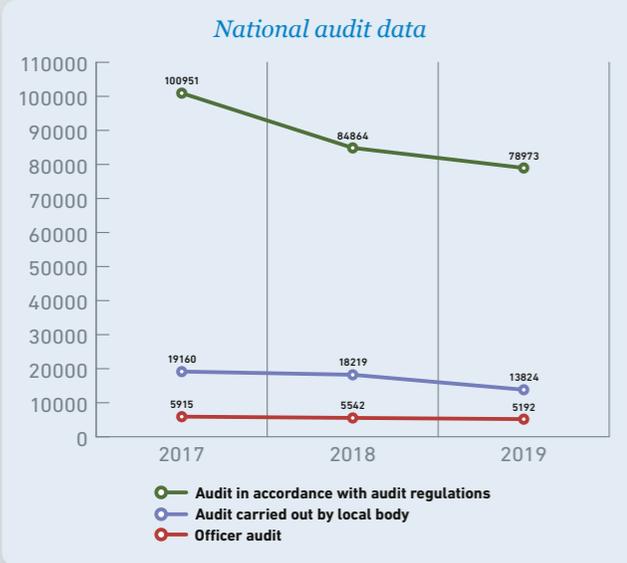
▲ In September, a total of twenty-five members of the rescue teams classified according to UN INSARAG guidelines from seven countries took part in the electronic data collection basic course of Kobo Toolbox in Dombóvár. The staff consisted of Czech, Israeli, Jordanian, Qatari, German, Romanian and Hungarian experts.

▼ In the autumn of 2019, the Albanian government requested assistance from the European Union to deal with the disaster caused by earthquakes and flashfloods. Hungary sent a relief worth HUF 11 million to the country in distress during the September earthquake and twenty-one million forints in the November earthquake, as well as tools and equipment necessary for providing asylum and first aid. The travel of Hungarian engineers and statics to the site of the damage was coordinated by the disaster management.

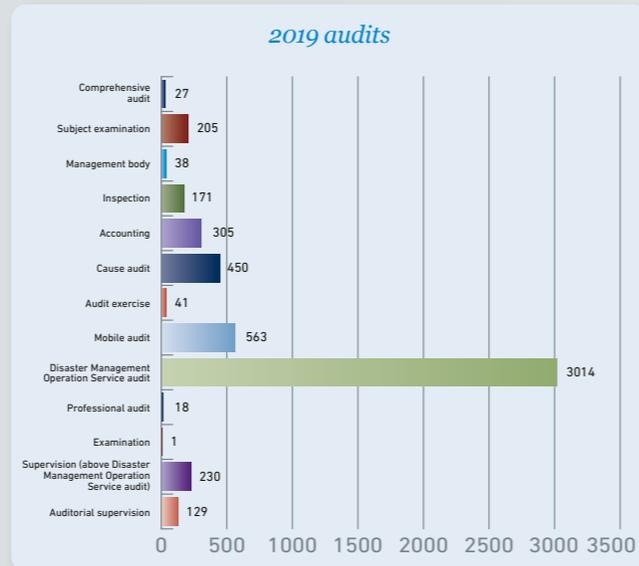


# Audit Service

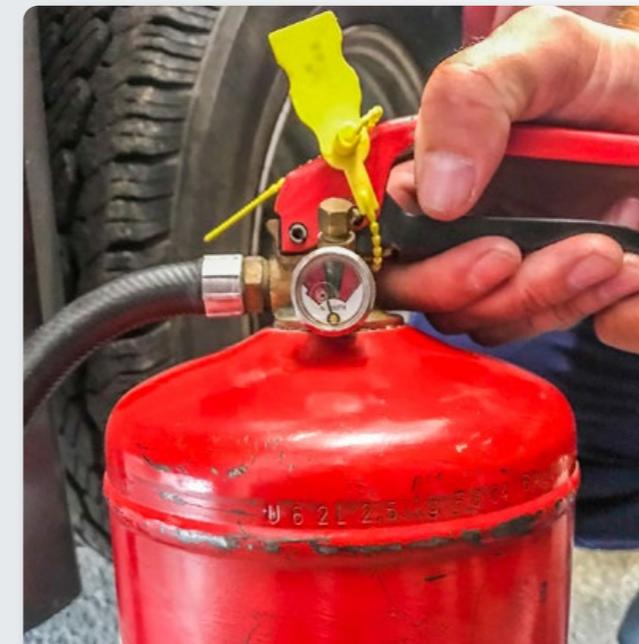
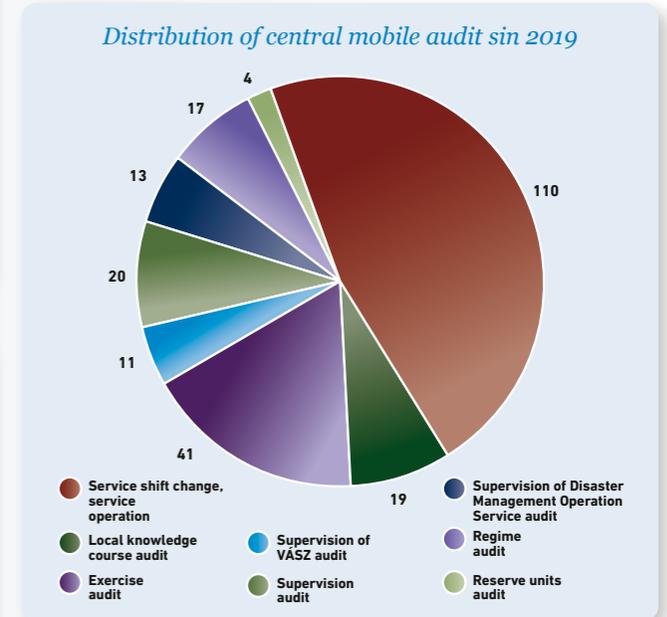
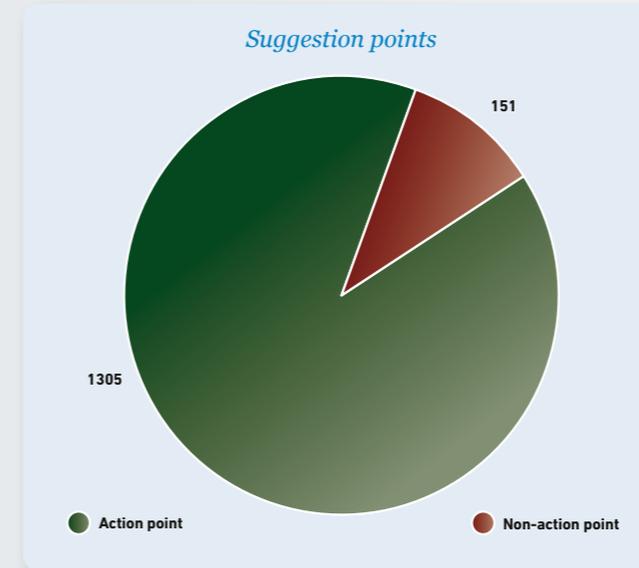
▼ Professional disaster management agencies carried out 5,192 inspections in 2019, which is roughly 94 percent of the previous year's figure. At the national level, the number of official inspections was 78 thousand 973, the heads of local bodies carried out 13 thousand 824 inspections.



► Roughly seventy percent of all inspections were performed by disaster management operations services and mobile inspectors. In 2019, the central body of the NDGDM carried out four comprehensive and five management audits, 23 thematic audits, 49 targeted audits, as well as 10 audit, 235 mobile, one supervisory and two professional audits, as well as 25 inspections and 10 reports.



▼ A total of 1 thousand 305 action points and 151 non-action points were made for the results of the central audits carried out and closed last year. Based on all this, the auditees amended 9 DG and 25 territorial level internal standards, repealed one territorial level internal standard and prepared 9 missing regulators.



▲ Almost a quarter (57) of the 235 mobile inspections carried out by the central body of the NDGDM were closed without revealing any deficiencies in 2019. More than 70 percent of central mobile inspections were inspections of service switching and provision, local knowledge sessions, and various practices.

# Communication Service

▼ We have addressed people who have not been paying attention to us so far. In 2019, a significant part of NDGDM's communication took place on social media. In addition to existing media connections, the organization has already communicated directly with users. The official Instagram profile of disaster management was launched on 4 May 2019, with nearly five thousand followers by the end of the year. The biggest step was to expand the traditional framework of communication.

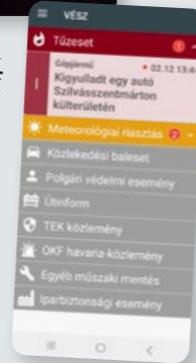


### Communication data 2019

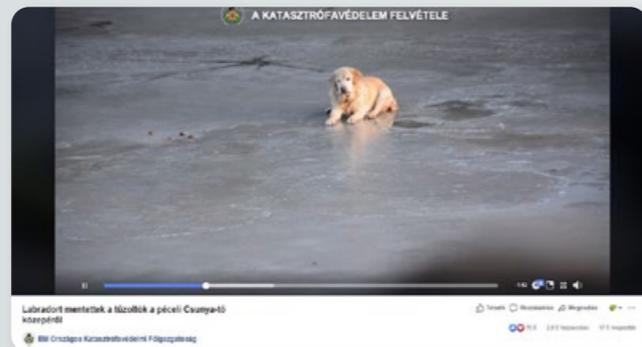
Number of news published in the media	114 548
VÉSZ (Emergency Alert System)	9 300
Followers of NDGDM Facebook page	57 710
Number of people reached by the most popular Facebook post	4,1 millió
Number of photos published at media server	20 532
Number of news published at (national and county) homepage	8 424
Number of issued publications	3 892
Number of declarations	7 355



► At the end of 2019, the VÉSZ application was run by 31 thousand and 99 users on one of their smart devices. Through the application, users receive information about firefighting interventions and weather alerts. In 2019, Disaster Management sent 9,300 messages to users and editorial offices through VÉSZ. The organization renewed the app during the fall, which was expanded with new features and became more transparent.



▼ With our news around the world. On 2 January, a labrador was trapped in the frozen ice of Lake Csunya in Pécel. Diver firefighters from Budapest towed the chilled animal with a special inflatable rescue island. The news first appeared on the disaster management Facebook page and then toured the world press as well. The break-dancing firefighter became similarly popular, but the reputation of the organization was also aged by colleagues who held competitions and strength tests.



◀ We unpack everything. In 2019, the joint communication of the partner bodies also strengthened. The boundaries between professional bodies, individual manifestations, protocol communication, and civic content have been blurred several times. An important part of this communication process for the general public was the so-called tetris challenge, which kept social media and the press feverish for a long time. Disaster management has met this challenge in several forms.

▼ One of the elements of expanding the communication palette is to renew the NDGDM website and make it user-friendly. The NDGDM Ministry of Interior website is visited by an average of about ten thousand people a day. In 2019, there were also two days when the number of clicks was over 60,000. On 11 June, the news about mosquito reduction and the excellent performance of HUNOR together attracted 65,000 738 visitors. On 17 June, the number of clicks rose again to over 62,000, and even then the news about mosquito reduction aroused readers' interest. The storm damage summary attracted more than 49,000 people on 24 June.



▼ The focus of our preventive communication was on individual responsibility, house and chimney fires, as well as precautions related to carbon monoxide poisoning, and the importance and free use of the chimney sweep public service. Disaster management spokes-

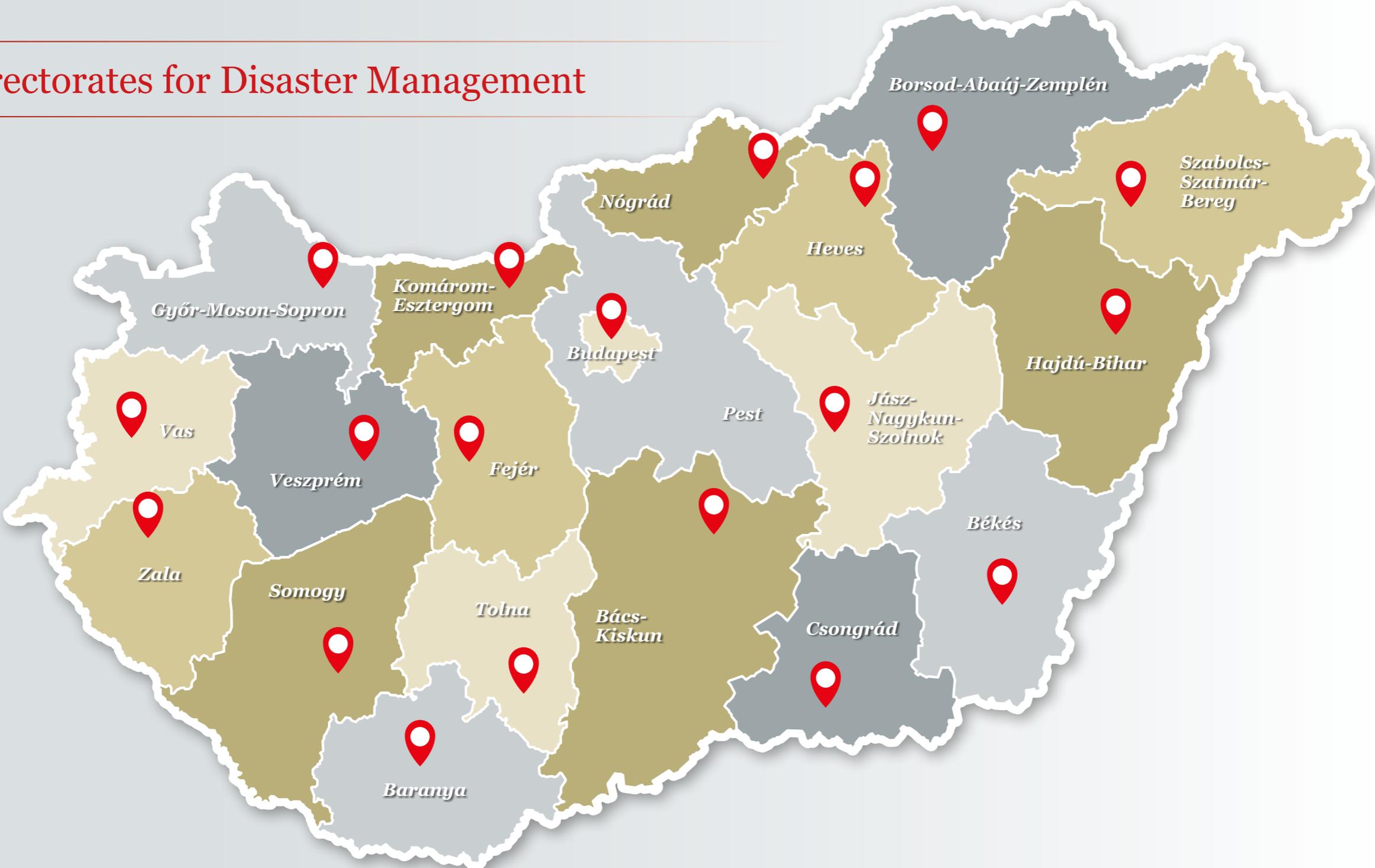


persons are available 24 hours a day, and recruitment and promotion of the organization continued to be a priority in their statements. Well-known, esteemed people were also involved in this. Even István Csukás recalled that once he had in mind that he wanted to be a firefighter. The writer also talked about his favorite heroes in his exclusive interview with disaster management. World champion athlete Balázs Baji also wore a protective suit.



▲ We are proud to present those who, in addition to their profession, are also extraordinary in civil life. The portrait of colleagues who are creative or athlete, who make sacrifices for a community, or who adore a special hobby is never self-serving. Through their performance and creed, a complete and colorful picture was drawn of the everyday lives, goals, and attitudes of professionals. We also reported on the connection between the staff and the civil communities and the fulfillment of special wishes month by month in the columns of the electronic magazine entitled Disaster Management.

# County Directorates for Disaster Management



# County Directorates for Disaster Management

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**Baranya County Directorate  
for Disaster Management**  
H-7630 Pécs, Engel János street 1.  
E-mail: baranya.titkarsag@katved.gov.hu

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**Bács-Kiskun County Directorate  
for Disaster Management**  
H-6000 Kecskemét, Deák Ferenc square 3.  
E-mail: bacs.titkarsag@katved.gov.hu

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**Békés County Directorate  
for Disaster Management**  
H-5600 Békéscsaba, Kazinczy street 9.  
E-mail: bekes.titkarsag@katved.gov.hu

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**Borsod-Abaúj-Zemplén County Directorate  
for Disaster Management**  
H-3525 Miskolc, Dózsa György road 15.  
E-mail: borsod.titkarsag@katved.gov.hu

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**Csongrád County Directorate  
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H-6721 Szeged, Berliini boulevard 16-18.  
E-mail: csongrad.ugyfelszolgalat@katved.gov.hu

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**Fejér County Directorate  
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H-8000 Székesfehérvár, Szent Flórián boulevard 2.  
E-mail: fejer.titkarsag@katved.gov.hu

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**Capital Directorate  
for Disaster Management**  
H-1081 Budapest, Dologház street 1.  
E-mail: fkititkarsag@katved.gov.hu

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**Győr-Moson-Sopron County Directorate  
for Disaster Management**  
H-9021 Győr, Munkácsy Mihály street 4.  
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**Hajdú-Bihar County Directorate  
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**Heves County Directorate  
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**Komárom-Esztergom County Directorate  
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**Pest County Directorate  
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H-1149 Budapest, Mogyoródi road 43.  
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H-7400 Kaposvár, Somssich Pál street 7.  
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**Szabolcs-Szatmár-Bereg County Directorate  
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**Tolna County Directorate  
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**Vas County Directorate  
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**Veszprém County Directorate  
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