



European Health and Digital Executive Agency

European Commission Contact: Hussein Sattaf

Email: hussein.sattaf@ec.europa.eu

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Marina Zanchi Director, HaDEA

Foreword

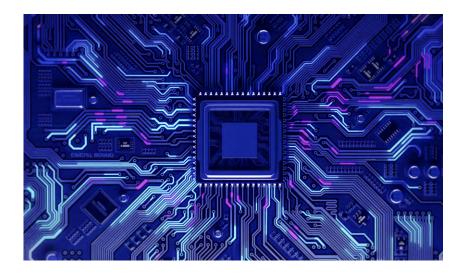
The European Health and Digital Executive Agency (HaDEA) was created during the unprecedented challenges of the COVID-19 pandemic and officially launched virtually on 1 April 2021. Since its inception, HaDEA has united resources and expertise to help Europe become healthier, more digital, resilient, and better equipped to face current and future crises.

How does HaDEA achieve this in practice? Entrusted by the European Commission, HaDEA implements significant parts of five EU funding programmes. What makes HaDEA unique is its ability to bridge seemingly diverse programme areas. Our grants and tenders address the health of citizens, enable cuttingedge technologies, accelerate digital transformation, boost growth and competitiveness, and support European space initiatives. These areas are deeply interconnected, which drives our efforts to foster synergies, build coherent thematic portfolios, and provide valuable feedback to the policies designed by the various Directorates-General we collaborate with.

HaDEA works with and for the people across all EU countries and beyond, providing financial support to projects that deliver tangible benefits to diverse communities. From the application stage to funding and implementation, our dedicated and service-oriented colleagues are committed to supporting each project's success.

I am proud of the meaningful work we do at HaDEA and I invite you to explore more about who we are, what we do and how we make a difference.

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WHO WE ARE

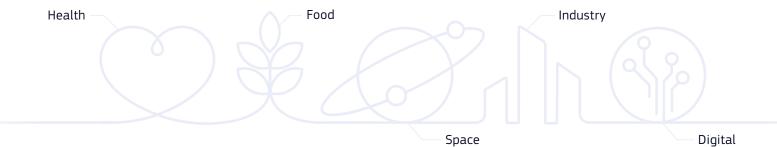
Our purpose

VISION

Boosting Europe by building, from Earth to space, a healthy society, a digital economy and a competitive industry.

MISSION

HaDEA's mission is to implement actions that strengthen Europe in the domains of health, food safety, digital technologies and networks, industrial capacities, and space. We provide high-quality and service-oriented support, with the aim to enable European society to become healthier, more resilient and fair, and for European industry to become more competitive. We ensure that the projects funded by HaDEA deliver concrete results that benefit the lives of all EU citizens and provide the European Commission with valuable input for its policies.



Our Agency

The European Health and Digital Executive Agency (HaDEA) implements European programmes and initiatives on behalf of the European Commission, by managing projects that are related to health, digital, food, industry and space.

SANTE Health and Food Safety		✓	~	✓		
GROW Internal Market, Industry, Entrepreneurship and SMEs	~					
RTD Research and Innovation	<u>~</u>	~				
DEFIS Defence Industry and Space	~					
HERA European Health Emergency Preparedness and Response Authority		✓	✓			
Connect Communications Networks, Content and Technology	~	~			✓	✓
PROGRAMMES IMPLEMENTED BY HADEA	Horizon Europe Cluster 4: Digital, Industry and Space	Horizon Europe Cluster 1: Health	EU4Health	Single Market Programme: Food Safety	Connecting Europe Facility: Digital	Digital Europe Programme
LEGACY PROGRAMMES						
	+ Horizor (Societal Challenges 1 &		+ Third Health Programme	+ Food and Feed Safety	+ CEF Telecom D	SI and WiFi4EU

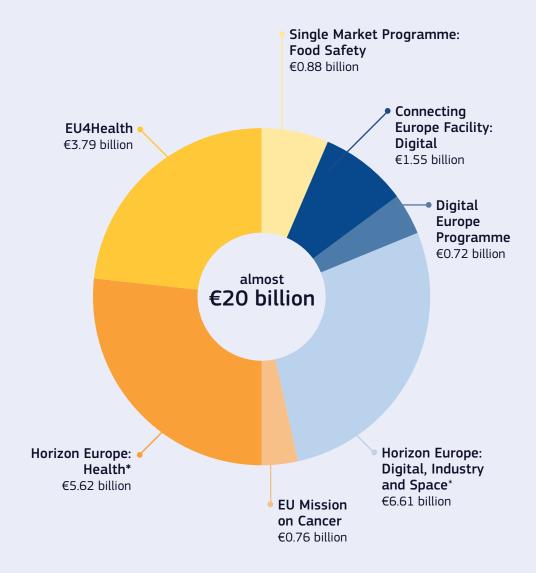
Our budget

The expected total budget managed by HaDEA over the period 2021-2027 amounts to almost €20 billion, distributed across the following programmes:

PROGRAMME		AMOUNT
Horizon Europe Pillar II Cluster 4: Digital, Industry and Space		€6.61 billion
Horizon Europe Pillar II Cluster 1: Health		€5.62 billion
EU Mission on Cancer		€0.76 billion
EU4Health programme		€3.79 billion
Connecting Europe Facility: Digital		€1.55 billion
Single Market Programme: Food Safety and Better Training for Safer Food (BTSF)	€0.88 billion
Digital Europe Programme		€0.72 billion
	TOTAL	€19.93 billion

Included in the budget breakdown above, a portion of the Next Generation EU fund is available for actions that are part of the digital and health strands of the Horizon Europe programme.

The expected total budget managed by HaDEA over the 7-year period amounts to almost €20 billion under the 2021-2027 Multiannual Financial Framework (MFF). In addition, the Agency is also responsible for managing projects from the predecessor ("legacy") programmes under the 2014-2021 MFF.



WHAT WE DO



— WHAT WE DO

Executive Agencies, including the European Health and Digital Executive Agency, manage EU funding on behalf of the European Commission.

This allows the European Commission to focus on developing policies and funding programmes, whilst giving the Executive Agencies the role of putting these into practice. This ensures that funding is managed more efficiently and at lower cost.

HaDEA is tasked with bringing EU funding to innovative projects, businesses and research, to make Europe healthier, more digital, resilient and better prepared for current and future challenges.

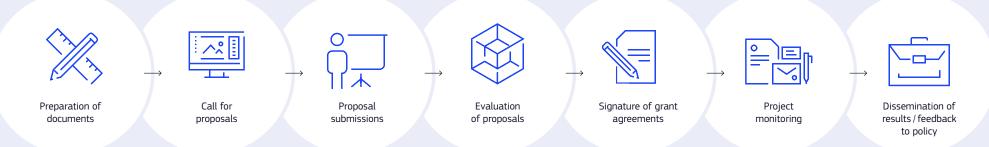
Our job is to make sure that EU funding reaches the right people, is properly spent, has a concrete impact on the ground, and makes a meaningful difference to the lives of EU citizens.

— WHAT WE DO

PROCUREMENT



GRANTS



THE PROGRAMMES WE MANAGE

— THE PROGRAMMES



HEALTH

- EU4Health
- Horizon Europe: Health

FOOD

• Single Market Programme: Food Safety





DIGITAL

- Horizon Europe: Digital
- Connecting Europe Facility: Digital
- Digital Europe Programme

INDUSTRY

• Horizon Europe: Industry

SPACE

· Horizon Europe: Space

Health

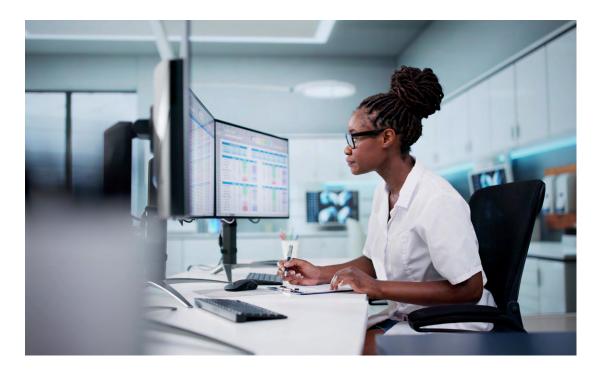
The European Commission is building a stronger Health Union to support EU countries in protecting and improving the health of their citizens, and to ensure the accessibility, effectiveness and resilience of their health systems, also in times of crises.

HaDEA manages the funding for actions under the programmes EU4Health and Horizon Europe Cluster 1: Health, and works in close collaboration with Directorates-General for Health and Food Safety (SANTE), Communications Networks, Content and Technology (Connect), Research and Innovation (RTD) and the European Health Emergency Preparedness and Response Authority (HERA).

Contributing to a healthier and safer Europe



EU4Health



EU4Health is the fourth and largest EU health programme, created as a response to the COVID-19 crisis. It aims to:

- Improve people's health, reduce health inequalities, support healthy lifestyles;
- $\bullet \ \mathsf{Make} \ \mathsf{medical} \ \mathsf{products} \ \mathsf{accessible} \ \mathsf{and} \ \mathsf{affordable} \ \mathsf{to} \ \mathsf{all};$
- Protect people from widespread health threats and establish a reserve of essential equipment, products and staff; and
- · Support and strengthen national health systems.

The programme is paving the way to a European Health Union by investing in urgent health priorities, such as the EU's resilience to cross-border health threats, Europe's Beating Cancer Plan, the Pharmaceutical Strategy for Europe and the European Health Data Space.

SUCCESS STORY JOINT ACTION EUnetCCC



EUnetCCC is establishing a European network of recognised Comprehensive Cancer Centers (CCCs), which will ensure that 90% of eligible patients have access to high-quality cancer care, no matter where they live. This will help to reduce inequalities among European countries and regions and will put in place a more harmonised, high-quality cancer care across Europe.

EUNetCCC builds on the work of the previous Joint Action CraNE, which has paved the way for the creation of National CCCs through its preparatory activities.

- Total cost €112 012 504
- EU contribution €89 610 000

Horizon Europe: Health



Horizon Europe Cluster 1: Health aims to improve and protect the health and wellbeing of citizens of all ages by generating new knowledge and developing innovative solutions to prevent, diagnose, monitor, treat and cure diseases.

The programme also supports the objectives of Europe's Beating Cancer Plan by implementing the EU Mission on Cancer, which contributes to the prevention and earlier diagnosis of cancer and better quality of life of patients with cancer during and after their treatment.

SUCCESS STORY EU-TRAIN



The Horizon 2020* EU-TRAIN project has achieved significant advances in kidney transplant management, by developing non-invasive, machine learning-driven diagnostic tools that reduce the need for frequent biopsies, therefore enhancing patient comfort and decreasing healthcare costs. Adopting these innovative diagnostics, such as the biomarker method, has also lowered transplant rejection rates. Through the use of data-driven precision and personalised medicine, the project has also enhanced the efficacy of medical interventions making use of treatments adapted to individual patient needs. The results of this project have set a new benchmark for kidney transplant management, with potential impacts on other organ transplants.

- Total cost €6 641 546
- EU contribution 100%
- eu-train-project.eu



Food

The European Commission's food safety policy ensures a high level of protection of health for humans, animals and plants throughout the food chain.

HaDEA implements the Single Market Programme (SMP) strand on food safety.



— THE PROGRAMMES: FOOD

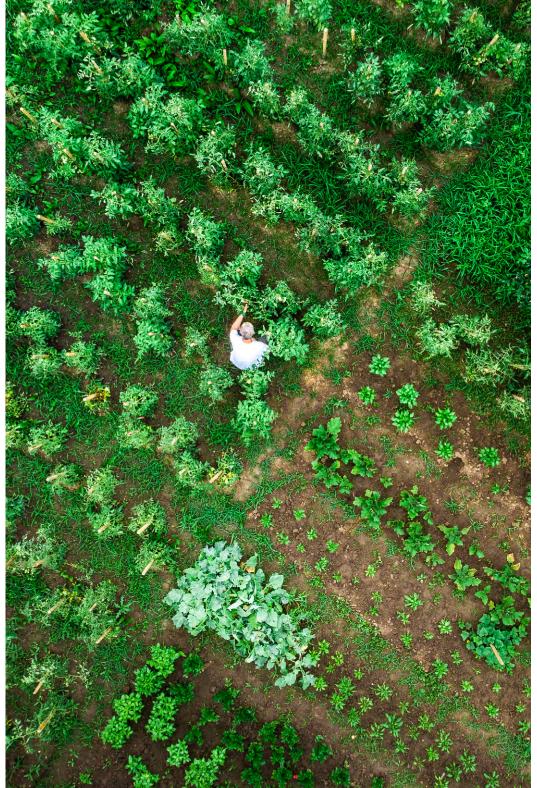
Single Market Programme: Food Safety

HaDEA manages the delivery and coordination of a number of actions under the Single Market Programme: Food Safety, which implements the EU's actions to contribute to a high level of health for humans, animals and plants.

SMP Food Safety contributes to the prevention, control and eradication of certain animal and plant diseases, the sustainable and resilient production of food and the effectiveness and reliability of official controls along the food chain. Furthermore, it contributes to the targets of the EU Farm to Fork strategy and organises training under the Better Training for Safer Food (BTSF) initiative.

The BTSF initiative includes training on food and feed law, animal health, animal welfare and plant health rules. It ensures that controls are carried out in a uniform and impartial manner in all EU countries. Involved authorities and officials can consult the online learning platform - BTSF Academy - for all training resources and activities.

Among other initiatives, SMP Food Safety also supports EU stakeholders in addressing food waste. Projects will develop behavioural change interventions, training programmes, guidelines and monitoring programmes to prevent and reduce the amounts of food waste generated at consumer level, with positive environmental, economic and social impacts.



Digital

Developing digital technologies is key to Europe's industrial competitiveness and strategic autonomy. Digital technologies also bring new ways to learn, entertain, work, explore, and fulfil ambitions; they will also bring new freedoms and rights, and give EU citizens the opportunity to reach out beyond physical communities, geographical locations, and social positions.



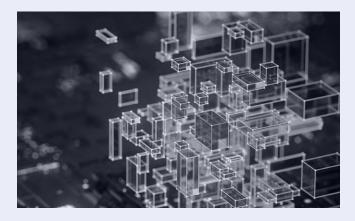
Digital Europe Programme



The Digital Europe Programme (DIGITAL) aims to build the EU's strategic digital capacities and facilitate the wide deployment of digital technologies.

DIGITAL plays a key role in propelling the digital transformation of Europe, by providing funding in key capacity areas of supercomputing, artificial intelligence, cybersecurity, advanced digital skills, and ensuring a wide use of digital technologies. DIGITAL will also help Europe remain globally competitive and strategically autonomous, and shape the way that new technologies reflect our needs and values. HaDEA manages actions in areas such as advanced digital skills, the best use of technologies, and artificial intelligence.

SUCCESS STORY CIRPASS



CIRPASS is a collaborative initiative to prepare the ground for the gradual piloting and deployment of a standards-based Digital Product Passport (DPP) aligned with the requirements of the Proposal for Ecodesign for Sustainable Product Regulations (ESPR), with an initial focus on the electronics, batteries, and textile sectors. The project has defined a clear concept for the DPP information system, and investigated aspects of DPP information requirements, system architecture and supporting standards.

- Total cost €2 358 663
- Max EU Grant Amount* €1 999 593
- cirpassproject.eu



Horizon Europe: Digital

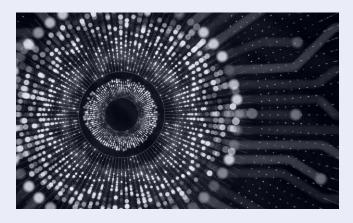


Horizon Europe Cluster 4: Digital focuses on the development and knowhow of digital and enabling technologies of the future. It covers the development of these digital technologies, supporting a green and digital transformation as well as a human-centred ethical development of emerging digital technologies for competitiveness and the European Green Deal.

HaDEA supports digital research by managing the Digital part of Cluster 4: Digital, Industry and Space of the Horizon Europe programme and the legacy programme Horizon 2020.

HaDEA plays an important role in the implementation of the Horizon Europe programme by organising the evaluation process and managing the lifecycle of the selected projects together with the Directorate-General for Communications Networks, Content and Technology (Connect) and other Directorates-General for the destinations 'Resilient industry', 'Green and digitised production', 'Digital emerging technologies', 'Human-centred technologies' and 'World-leading data and computing technologies'.

SUCCESS STORY
AI-SPRINT



The AI-Sprint project, funded by the EU's Horizon 2020 programme*, is making significant advances in stroke prevention. AI-Sprint has developed an application that connects wearable devices, such as smartwatches, directly to doctors to determine possible cerebrovascular events.

To give an idea of the potential impact of this application, each year in the European Union, around 1 million people experience a stroke, with an estimated 460 000 fatalities and nearly 10 million individuals living with long-term effects.

- Total cost €4 997 750
- EU contribution 100%
- ai-sprint-project.eu



Connecting Europe Facility: Digital



The digital strand of the Connecting Europe Facility (CEF: Digital) is part of the second generation of the Connecting Europe Facility. CEF: Digital aims to leverage public and private investments in digital connectivity infrastructures that are of common European interest.

CEF: Digital contributes to the:

- Development of safe, secure and sustainable highperformance infrastructure, including Gigabit and 5G networks;
- Increased capacity and resilience of digital backbone infrastructures; and
- Deployment of large scale stand-alone 5G infrastructures enabling innovative applications and along key European transport corridors.

SUCCESS STORY **HI5**



The Hi5 project, funded by CEF, is a project to roll out 5G technology in the Toulouse area by 2025. It will deliver leading-edge connectivity to public services with five use cases:

- 1. 'City services' to improve traffic and security management,
- 2. 'Event connectivity' for outdoor events,
- 3. 'Mobility' net-based services for start-ups and SMEs,
- 4. 'Education', and
- 5. 'High-speed video data offloading' for safer public transport.

The 5G use cases have the potential to stimulate the wider and faster deployment of 5G across the EU.

- Total cost €3 742 000
- EU contribution €2 806 500
- https://europa.eu/!TxptTP



Industry

Supporting the green transition and digital transformation, facilitating the uptake of new digital, climate neutral and circular technologies by European industries, including small and medium-sized enterprises.



— THE PROGRAMMES: INDUSTRY

Horizon Europe: Industry



Horizon Europe Cluster 4: Industry aims to boost the EU industry's resilience, growth and competitiveness, and to support it through the twin green and digital transition. Projects under Cluster 4 are expected to enable the transition to a green and digital industry in all industrial sectors, especially in the energy-intensive industries. This will be made possible thanks to breakthrough technologies and advanced solutions for substitution, resource and energy efficiency, effective reuse and recycling and clean primary production of raw materials, including critical raw materials, and leadership in circular economy. In addition, proposed actions tackle key humancentered elements to enable the green and digital transitions, including upskilling the workforce for greener jobs, and aligning skills with evolving technologies.

SUCCESS STORY PHOTORAMA



PHOTORAMA, managed by HaDEA under Horizon Europe: Industry, aims to recycle millions of tonnes of photovoltaic (PV) waste by developing a circular model to reuse materials like glass, aluminium, copper, silver, indium and silicon from old solar panels. Preliminary results are promising: recycling 1 200 tonnes of PV panels could save over 3 800 tonnes of CO₂, equivalent to the emissions from nearly 1 000 cars annually.

PHOTORAMA received the 2024 European Sustainable Energy Award (EUSEW) for its achievements in energy efficiency and renewables.

- Total cost €10 365 764
- EU contribution €8 381 666
- www.photorama-project.eu



THE PROGRAMMES

Space

Boosting the EU's strategic autonomy by investing in space technology and research, fostering innovation, and enhancing digital capabilities to strengthen Europe's position in the global space landscape.

Boosting European space technology



Horizon Europe: Space



Horizon Europe Cluster 4: Space is the civil space research and innovation programme of the EU. Its purpose is to support the evolution of the operational EU Space Programme components and to foster the competitiveness of the European space sector as a whole. Its programming is the responsibility of the Directorate-General for Defence Industry and Space (DEFIS), in close coordination with stakeholders at European and national level, such as the European Space Agency (ESA) and national space agencies as well as industry and research organisations.

Under Horizon Europe Cluster 4: Space, HaDEA funds projects that prepare future evolutions of the EU Space Programme components (with a focus on Copernicus and Space Surveillance and Tracking - SST) or foster the EU space sector's competitiveness at large, reinforce its independent capacity to access space, prepare for the EU In-Space Operations and Services pilot mission, and secure its autonomy of supply for critical technologies and equipment.

SUCCESS STORY
STRATEGIC RESEARCH CLUSTER
ON ELECTRIC PROPULSION



Electric propulsion is a revolutionary lightweight and highly efficient technology that is uniquely qualified to keep satellites traversing above the globe. Through the Strategic Research Cluster (SRC) on Electric Propulsion, HaDEA enabled 12 EU space research projects to successfully boost Europe's capacity in this key domain.

The projects' achievements in two complementary technology development lines (incremental and disruptive technologies) paved the way for European leadership in the strategic area of In-space Operations and Services.

https://europa.eu/!VMwrpc



lost.

Creating synergies for greater impact

At HaDEA, we actively foster synergies across the diverse programmes and projects under our management.

Synergies are more than cooperation—they represent the strategic connections we build to maximise the value and impact of EU funding, enhance the return on the Union's investments, and contribute more effectively to the EU's key priorities.

Core elements that define our approach to synergies:

- **Complementarity** aligning funding and projects that run in parallel to strengthen outcomes.
- Sequential funding ensuring that results from one project are built upon and scaled up by subsequent initiatives.
- Alternative funding enabling high-quality proposals that may not succeed under one programme to be considered under another, ensuring good ideas are not lost

We promote synergies both within individual programmes—such as developing focused project portfolios around specific themes—and across programmes, including connections between grants and tenders. This approach is particularly evident in the health and digital domains, where integration and coordination are essential to addressing complex societal challenges.

Working together to amplify results

Our collaborative approach extends beyond project portfolios. HaDEA also works in close partnership with a wide range of stakeholders, including universities, research institutions, ministries across Member States, industry actors and SMEs (Small and Medium-sized Enterprises), international organisations, and NGOs (Non-Governmental Organisations).

Moreover, we cooperate closely with the National Contact Points (NCPs) and National Focal Points (NFPs) that provide guidance, practical information and assistance on all aspects of participation in the programmes we manage.



Industry/SMEs



Research institutes



Academia



International organisations



National, regional and local authorities



Representatives of civil society



NGOs

HOW WE WORK

People are at the heart of our organisation. At HaDEA, we strive to create a modern workplace with lean and efficient processes, engaged colleagues, and a work environment fit for the future, where we involve our people in the design process. We believe that every project is important and our teams of experts are dedicated to delivering excellent customer service.

Having a team of skilled colleagues with diverse backgrounds, abilities and expertise is what makes our organisation stand out. We value diversity and use it to our advantage every day. Our core values underpin how we work and interact with others. We are highly committed to working in the interest of European citizens. In doing so, we are guided by objectivity, integrity, transparency and respect for others.

VALUES OUR STAFF ARE COMMITTED TO

- 1 Integrity
 We act with honesty and respect
- Client orientation
 We support our stakeholders' needs
- Transparency
 We are open and accountable
- 4 Excellence
 Our passion and commitment lead to success
- **Fairness**We are just and objective
- 6 Trust
 We rely on each other
- Work-life balance
 We put people first

Testimonials



Laia Quirós *Project Adviser*

Working as a Project Adviser in Horizon Europe: Health at HaDEA is very enriching. Managing a diverse project portfolio allows me to contribute to key environmental and health initiatives, ensuring EU-funded projects create real impact. What I find most rewarding is promoting synergies - connecting projects within my portfolio to other programmes, fostering collaboration, and maximising outcomes.

Beyond the technical aspects, the team spirit and positive environment make this role special. I work with dedicated colleagues committed to excellence and innovation. The supportive environment makes challenges easier to tackle and successes more rewarding. I am proud to be part of a team striving to improve EU citizens' health and wellbeing.



Pedro Obando *Project Adviser*

I moved to HaDEA from Connect, inspired by the opportunity to support breakthrough projects in the Horizon Europe: Digital programme. After an exciting start working on initiatives in areas like the internet of things, microelectronics and photonics, I'm now diving into the deployment of 5G infrastructure as part of the Connecting Europe Facility programme. It's thrilling to bring futuristic ideas to life, such as drones that transport biological materials for healthcare and smart sensors that enhance security at ports and airports.

In parallel, I'm exploring EuroQCI's quantum communication, collaborating with an inspiring team of satellite and ground-based technology experts to develop secure optical telecommunications using quantum technologies. It's both exciting and rewarding to be part of a team shaping the future of EU technology!

When HaDEA was established in 2021, I was eager to join a new agency that brings together the diverse expertise and best practices of inspiring colleagues from a range of backgrounds. From the very beginning, we shared a common identity and proudly called ourselves 'HaDEAns'.

As part of a horizontal sector, we have the privilege of working with a wide variety of stakeholders, both within and beyond HaDEA. Our role is to support and guide them on internal control, ex-post audits, and anti-fraud measures, contributing to sound management through a solutions-oriented approach.

What truly makes my work fulfilling is collaborating with a team of exceptionally talented colleagues who combine thoroughness with a great sense of humour—ensuring I start every day with a smile.



Fanny De Lannoy Head of Sector

HaDEA is an innovative workplace, built on integrity and transparency, gathering specialists from different professional and cultural backgrounds. What I value most about HaDEA is that my ideas are heard and that I feel my role is meaningful at the end of the day.

Supporting my colleagues in the administrative aspects of the functioning of the Agency is what makes my day successful. Creativity and inclusiveness are encouraged across the Agency, enabling everyone to invest in their individual ideas in a collaborative way.



Sebastian Boatca *Administrative Assistant*

already has a well-established place in the institutional landscape. As Financial Officer for a wide range of health projects, I have the privilege of working with exceptional scientific colleagues and with grant beneficiaries from all over Europe, including universities, companies, SMEs, research institutes.

I am proud to contribute with my financial and legal expertise to this common effort of improving health conditions in Europe. We are a great team and knowing that our work makes a difference in the real world gives us extra motivation. It also puts a smile on our faces almost every morning.

Despite being the newest Agency, HaDEA



Radu Blejan Financial Adviser

Keep in touch

HaDEA

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