

EUSPA launches Horizon Europe call to transform the digital economy, increase the Union's resilience and support the Green Deal

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The first Horizon Europe call managed by the European Union Agency for the Space Programme (EUSPA) is now open for submissions. With an overall budget of 32.6 million EUR, the call aims at developing innovative downstream applications that leverage data from the EU Space Programme, namely Galileo, EGNOS, and Copernicus. The deadline for applications is 16 February 2022.

Horizon Europe is the EU's key funding mechanism that facilitates collaboration and strengthens the impact of research and innovation in developing, supporting, and implementing EU policies while tackling global challenges. Staying true to its mission, *linking space to user needs*, EUSPA will leverage this instrument to stimulate the EU Space Programme operational research and foster the creation of commercial value-adding solutions that contribute to the Union's policies and priorities. The call focuses on the following three areas:

EGNSS and Copernicus applications fostering the EU Green Deal, total budget: 14 million EUR

The European Union set the objective to become the first climate-neutral continent by 2050, yet EU Space promises to unlock challenges and help the Union step up its game in the fight against climate change. From helping curb CO2 emissions to fighting illegal logging and tracking oil spills, Galileo, EGNOS and Copernicus are a decisive resource of the European Union to deliver on its ambitious Green Deal. Proposals submitted in this topic should focus on developing innovative applications that support the Green Deal objectives and use data and services from Galileo, EGNOS, and Copernicus.

EGNSS applications for safety and crisis management, total budget: 9.3 million EUR

Synergies between Earth Observation and navigation are central to the preparedness, response, recovery, and mitigation of natural disasters. In the unfortunate event of wildfires, floods, or earthquakes access to precise location and up-to-date geospatial information is vital to deliver an effective disaster management response. This area looks to develop innovative Galileo and EGNOS-based solutions that will increase the Union's resilience and help better protect its citizens. Proposals submitted in this topic should complement the products delivered by the Emergency Management and Security Services of Copernicus and raise awareness on the benefits of using EGNSS and Copernicus for emergency disaster risk management, and EGNSS for timing and synchronisation for critical infrastructures.

EGNSS applications for the digital age, total budget: 9.3 million EUR

This area aims at accelerating the adoption of Galileo and EGNOS in mass and professional markets and rolling out applications with innovative features such as better multipath resistance, authentication, and more. Applications addressing this topic should maximise public benefits by supporting the development of applications that will address pressing societal challenges in areas such as health, citizen safety and security, mobility, and the sharing economy.

The use of other space components such as Copernicus is highly encouraged in all topics. In addition, the solutions may integrate other non-space technologies like IoT, big data, artificial intelligence, drones, 5G, augmented/mixed reality, etc.

Analytical information about the calls can be found on our website. Prospective applicants are encouraged to join [our first EUSPA Space Downstream Innovation Days](#) 8-9 November 2021 to learn more about the call.

About the European Union Agency for the Space Programme (EUSPA)

The European Union Agency for the Space Programme (EUSPA) provides safe and secure European satellite navigation services, promotes the commercialisation of Galileo, EGNOS, and Copernicus data and services and coordinates the EU's forthcoming governmental satellite communications programme GOVSATCOM. EUSPA is responsible for the security accreditation of all the EU Space Programme components. By fostering the development of an innovative and competitive space sector and engaging with the entire EU Space community, EUSPA contributes to the European Green Deal and digital transition, the safety and security of the Union and its citizens, while reinforcing its autonomy and resilience.

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