

European
Global Navigation
Satellite Systems
Agency

EGNSS Innovation procurement opportunities within Horizon 2020 and Horizon Europe



EGNOS

NAVIGATION SOLUTIONS
POWERED BY EUROPE

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European GNSS Agency



Our Mission

Gateway to Services

- Galileo & EGNOS Operations and Service Provision
- Market Development of Galileo and EGNOS applications and receivers

Gatekeeper of Security

- Security of EGNOS and Galileo
- Operation of Galileo Security Monitoring Centre, governmental service (PRS) activities
- Security Accreditation

**202
Staff**

**21
Nationalities**

**Prague, CZ Rep – HQ
St. Germain en Laye, FR – GSMC
San Martín de la Vega, ES – GSMC
Torrejon, ES – GSC
Noordwijk, NL – GRC
Toulouse, FR – EGNOS
Redu, BE – GILSC**

European GNSS users and market uptake objectives



User driven
EGNSS



EGNSS Adoption



Competitiveness of
EU downstream
(Industry, SMEs and start-ups)



The methodology: ensuring EGNSS market uptake via an integrated approach



At all levels of the value chain



For each market segments



Market & User Knowledge

Market and technology monitoring and forecasting (i.e. market and tech reports)

User and industry consultations (i.e. user consultation platform, receiver workshops)

User satisfaction monitoring (i.e. EGNOS and Galileo surveys)

Demand Support

Definition of roadmaps with key stakeholders

Cooperation with receivers and apps developers (e.g. Raw measurements task force)

Technical support to EC to ensure EGNSS use in regulated applications

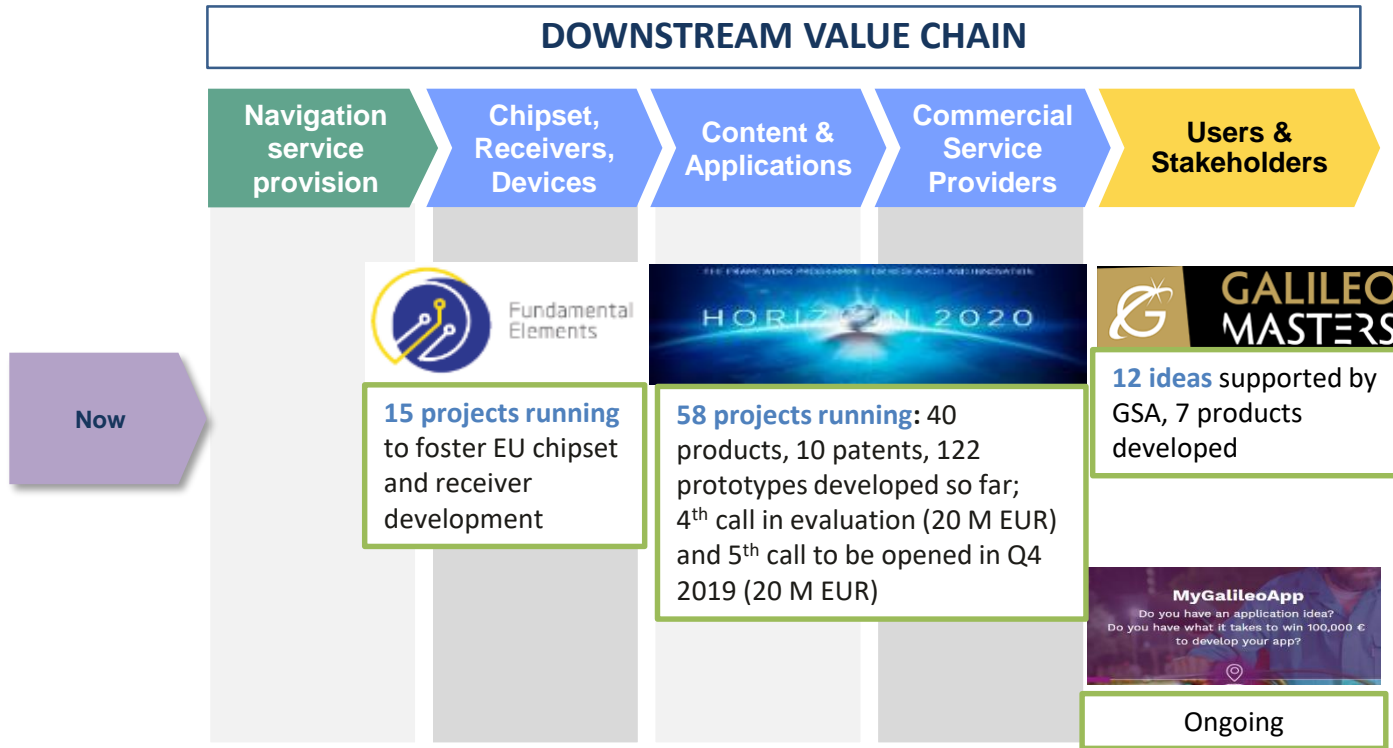
Offer Creation

Creation of new “made in Europe” products and services :

Downstream Applications and services (H2020)

Chipset and Receivers (Fundamental Elements)

R&D Programmes address the needs alongside the value chain towards EGNSS adoption



New EGNSS downstream R&D funding tools needed after 2020, as the market and Galileo will change

Significantly increase the budget of **Horizon Europe** in comparison to H2020

- ✓ complete the uptake in longer term regulated market segments
- ✓ position Galileo as a leader where differentiators make a difference (via large pilot projects)
- ✓ support EU industry to export

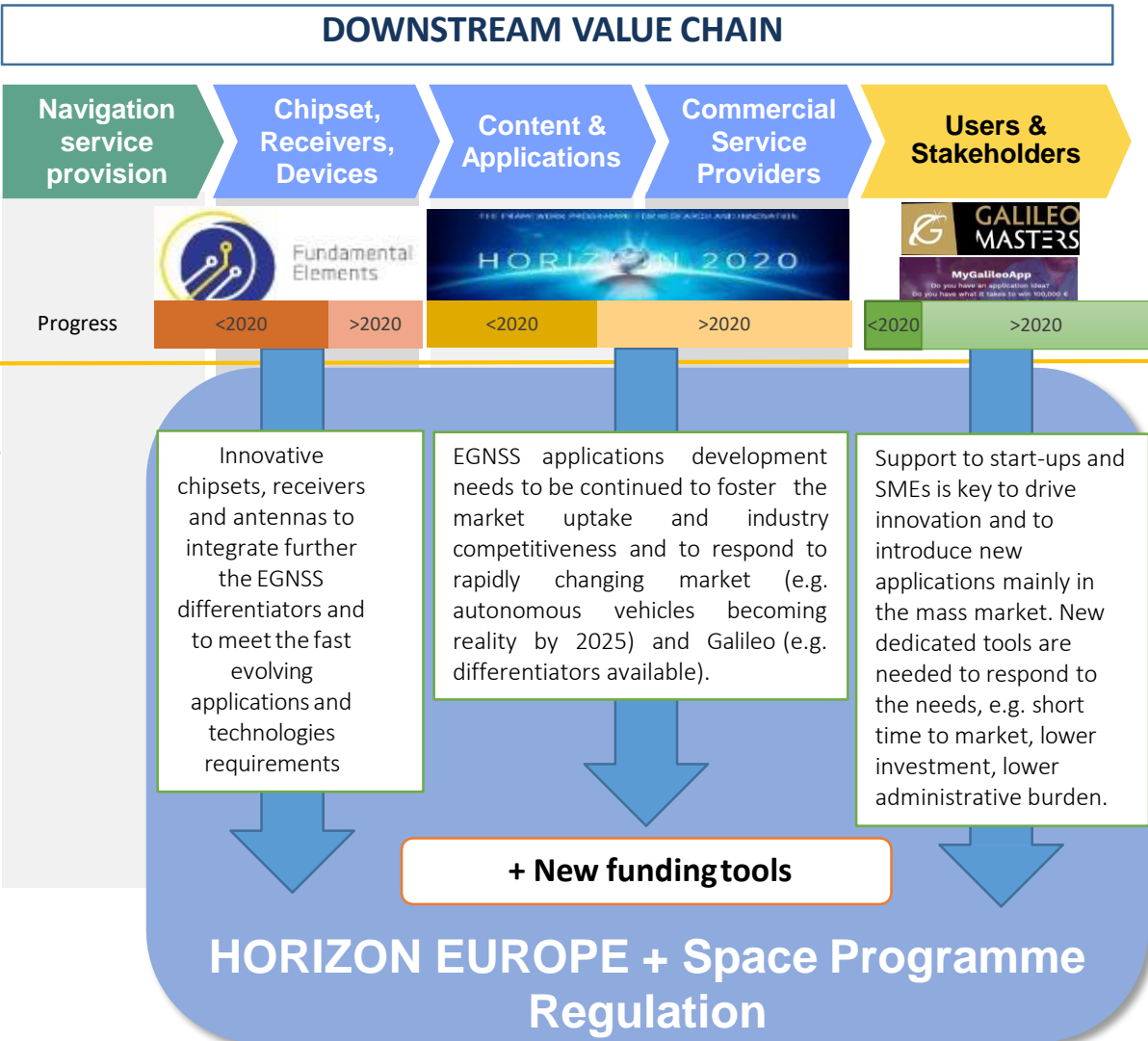
Introduce **New Funding Tools** to cope with the new needs (also via the Space Regulation “innovation actions”)

- ✓ **Innovation Procurement for Public Sector as Customer of Galileo**
 - ✓ Centres of Excellence to leverage regional and national competences as example and supporters for the others
- ✓ Catalyst to provide dedicated funding tool for the area of mass market
 - ✓ Venture Capital to scale-up our start-ups

Entrepreneurship



We achieved a lot thanks to R&D initiatives, now it is the time to move forward and prepare background for HE and Space Programme



Landscape of New EGNSS funding tools to cover all stages of development



HORIZON EUROPE + Space Programme Regulation



Initial idea



Business plan



Marketable product



Commercialisation



Expansion

EGNSS downstream R&D grants (*Continuation of H2020, FE*)

Catalyst (SMEs and start-ups)



Entrepreneurship

Support to Venture Capital



Excellence Centres

EU Innovation Procurement



PCP

PPI



NEW (Catalyst and support to Venture Capital- To complement support to start-ups and SMEs; PCP/PPI- to involve public administration as EGNSS users through; Excellence Centres in order to share the experience, provide advice and mentorship to new comers)

Call for Actions requiring Your support



- **Secure budget** for EGNSS downstream R&D in HE
Decision and Regulation: 720 M EUR of which
400/500 from HE, the rest from Space Regulation
- **Secure the scope** of EGNSS R&D downstream
activities in HE and Regulation
- Provide **high level priorities** for EGNSS downstream
R&D
- **Mobilise the public authorities** for the Innovation
Procurement pilot in the 5th call of H2020

Linking space to user needs



How to get in touch:



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