Corallia Clusters Initiative
Inspiring Innovation. Driving Excellence
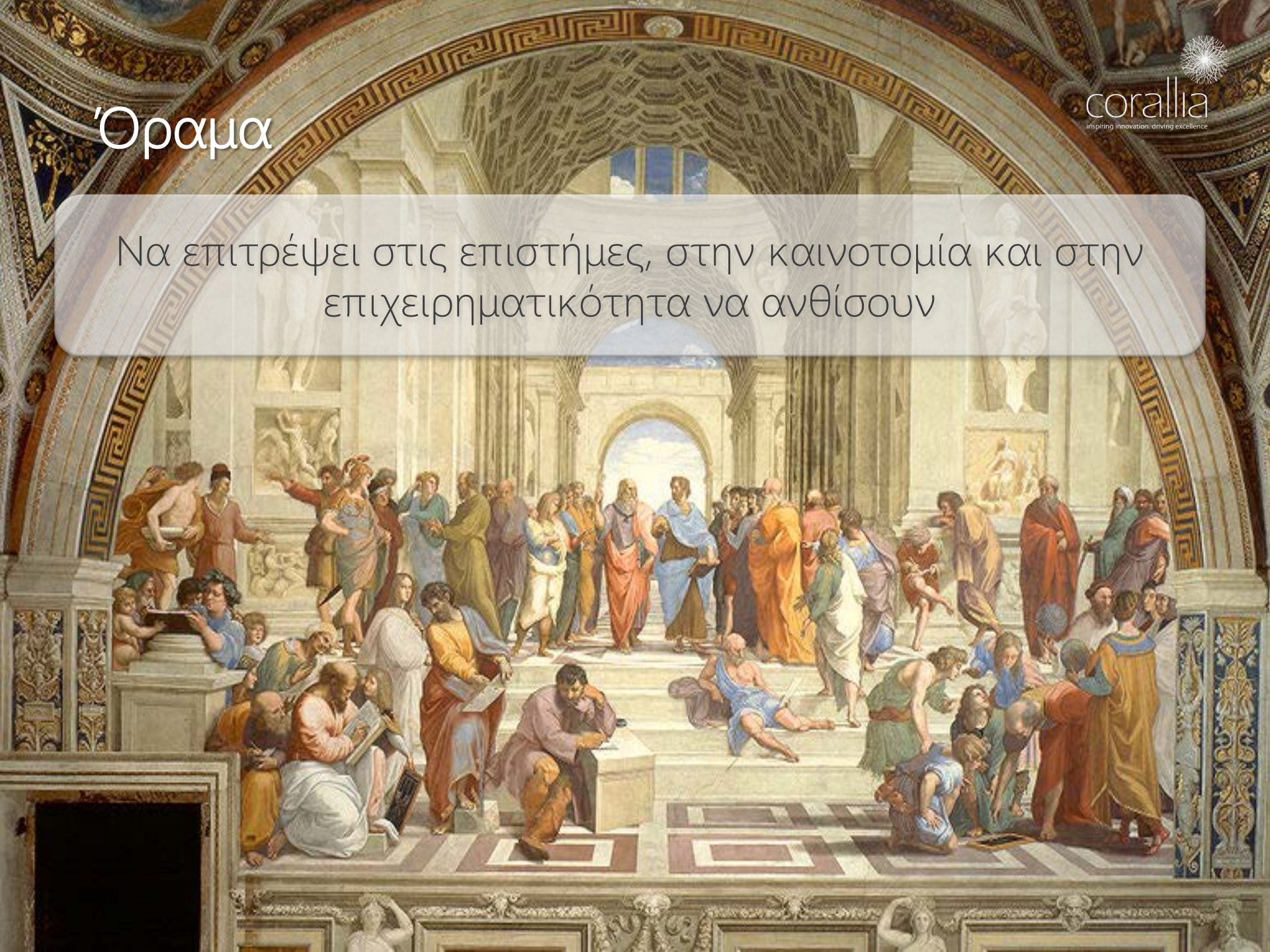
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Όραμα

Να επιτρέψει στις επιστήμες, στην καινοτομία και στην επιχειρηματικότητα να ανθίσουν

Αποστολή

Να στηρίξει και να επιταχύνει την ανάπτυξη βιώσιμων οικοσυστημάτων καινοτομίας

Στόχος

Να αναδειχθεί σε βέλτιστο παράδειγμα φορέα ανάπτυξης συνεργατικών σχηματισμών που θα υποστηρίζει συνεργατικούς σχηματισμούς παγκοσμίου κύρους

corallia (/ˈkɒr.əl.ɪæ/)

co-ra-lli-a ко-ра́-λι-α

corallia
corallia
co(operation)rallia
co(ouv)rallia
coreallia
co**rally**ia
co-rallyia
cor**all**ia
cor**allia**
cor**alliance**
c**ora**(sis)llia
corall**ia**
corallia

Goals

Συναγωνιζόμαστε **Διεθνώς**
Δημιουργούμε **Τοπικά**

Develop **Regionally** Compete **Globally**

Καινοτομία designed in Greece

Innovation designed in Greece

Ελάτε μαζί μας
στη **Χαρά της δημιουργίας**

Join us in the **Joy of creation**

corallia
inspiring innovation. driving excellence

Business Drivers

Clusters

Access to Finance

New Value Chains

Internatio-nalisation

Innovation Infusion

Business Incubators
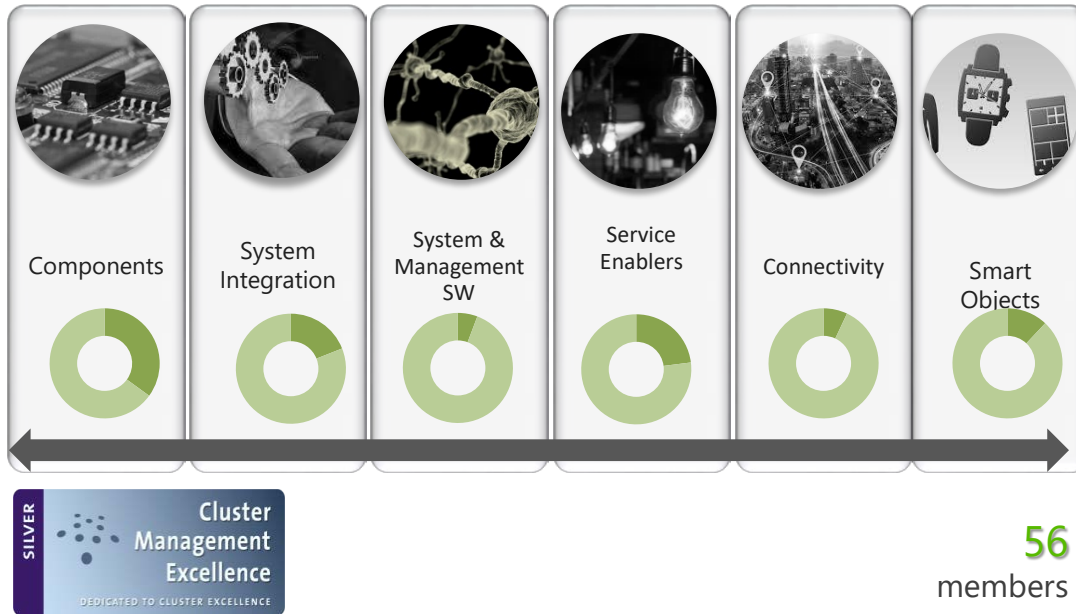
Informing Motivating Educating

Space4Globe

A world class cluster in Nano/Microelectronics-based Systems and Applications and the first innovation cluster established in Greece.

value chain

| Components | System Integration | System & Management SW | Service Enablers | Connectivity | Smart Objects |

SILVER
Cluster Management Excellence
DEDICATED TO CLUSTER EXCELLENCE

56 members

NOESIS TECHNOLOGIES

CERAGON

Helic

Centaur

Kenotom

OXYGEN Broadband

NOVOCAPTIS

μSens@p systems

Opticon

AVS AUTOMOTIVE

simtec

DYNESYS

LAB

Citrix ByteMobile

econais

ESS european sensor systems

amco Inspired Technologies

dialog SEMICONDUCTOR

fasmetrics

corallia

HellenicSIA

XVUE

weasic

ELLAB

accusonus

codebender

IRIDALABS

Prisma Electronics S.A.

GDT

Akronic

yodiwo

OTE

AUTH Electronics Lab

VLSI Design Laboratory

inaccess

COMES

Brite

micrel Medical Devices

opto Filter Products

MFOL

unibrain

Telesto Technologies

analogies

Pleg.ma Labs

FERON TECHNOLOGIES

Think Silicon

APEL

meazon

a silver-labeled cluster

more than 1500 talented professionals

over €350 mil. turnover

over 120 patents filed

The **Hellenic Space Technologies and Applications Cluster**, a world class cluster in the space sector.

value chain

Electronics

Materials & Structures

Robotics & Automations

Operations

Remote Sensing

Upstream

Downstream
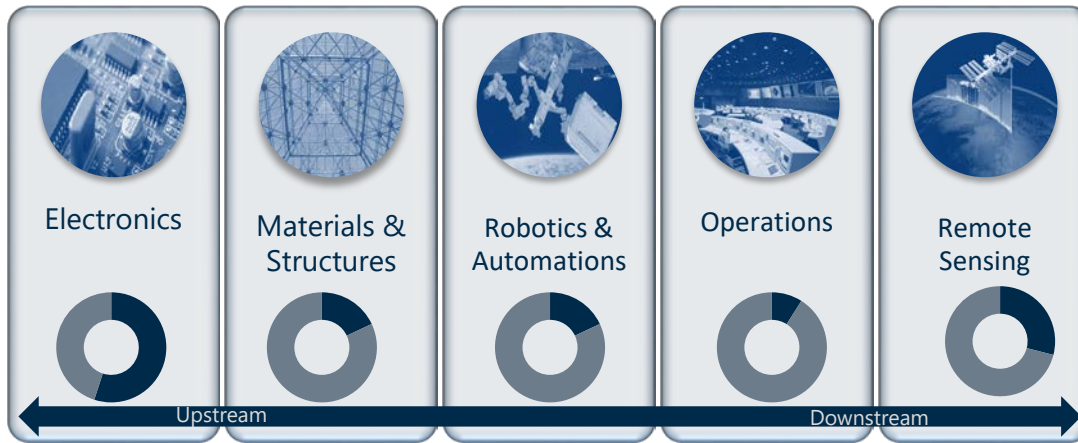
55

members

a gold-labeled cluster

more than 2000 **talented professionals**

over 150 mil. turnover

more than 50 **patents filed**

Space Technologies and Applications

Midstream

Indicatively: Ground Control of Satellites and Space Missions / Storage and Preprocessing of Data / Management and Distribution of Data / Telecommunications
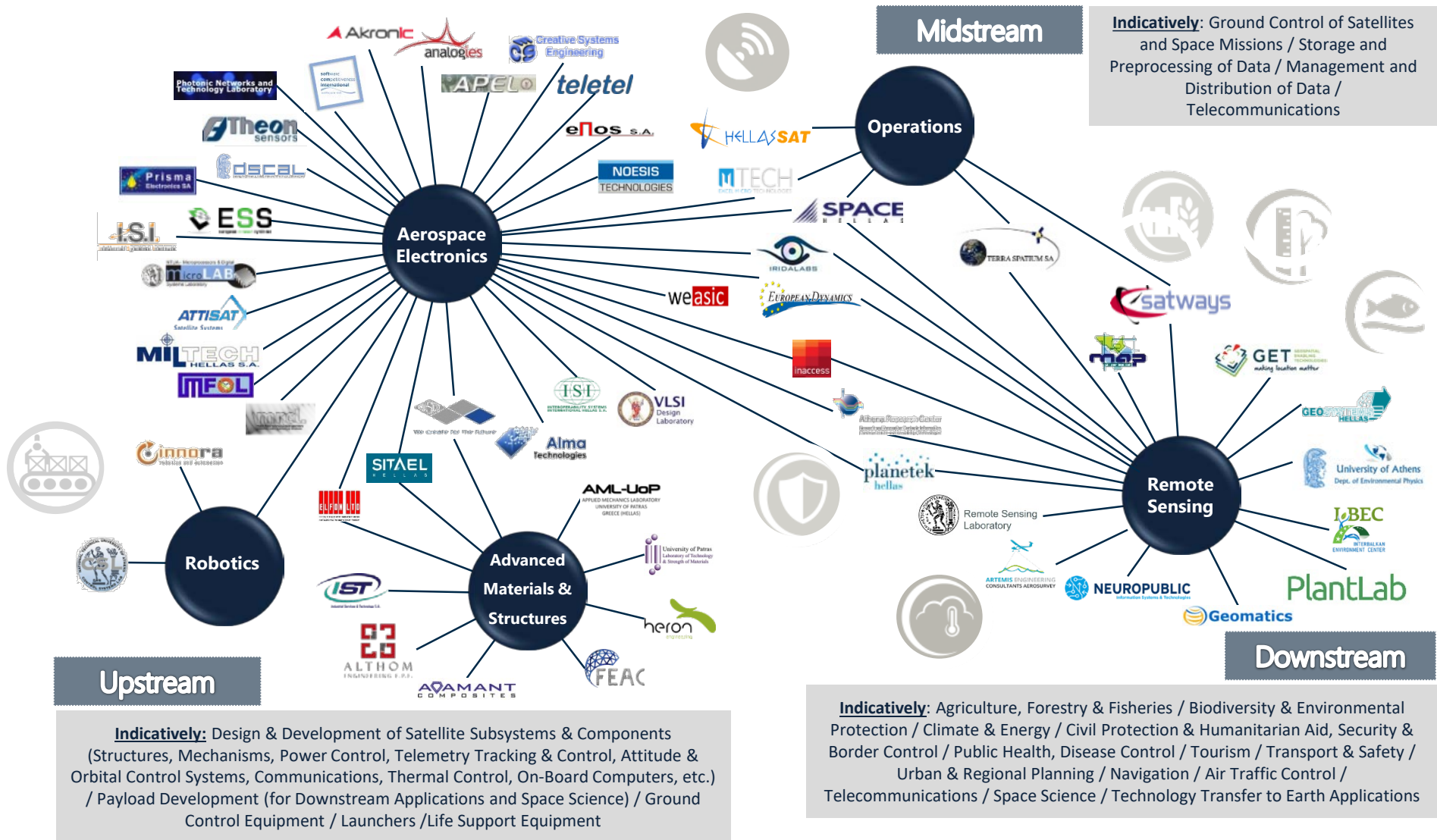
Operations

Aerospace Electronics

Remote Sensing

Robotics

Advanced Materials & Structures

Upstream

Indicatively: Design & Development of Satellite Subsystems & Components (Structures, Mechanisms, Power Control, Telemetry Tracking & Control, Attitude & Orbital Control Systems, Communications, Thermal Control, On-Board Computers, etc.) / Payload Development (for Downstream Applications and Space Science) / Ground Control Equipment / Launchers /Life Support Equipment

Downstream

Indicatively: Agriculture, Forestry & Fisheries / Biodiversity & Environmental Protection / Climate & Energy / Civil Protection & Humanitarian Aid, Security & Border Control / Public Health, Disease Control / Tourism / Transport & Safety / Urban & Regional Planning / Navigation / Air Traffic Control / Telecommunications / Space Science / Technology Transfer to Earth Applications

A **world class** cluster and the first ever
Creative Industries cluster established in Greece.

Value Chain

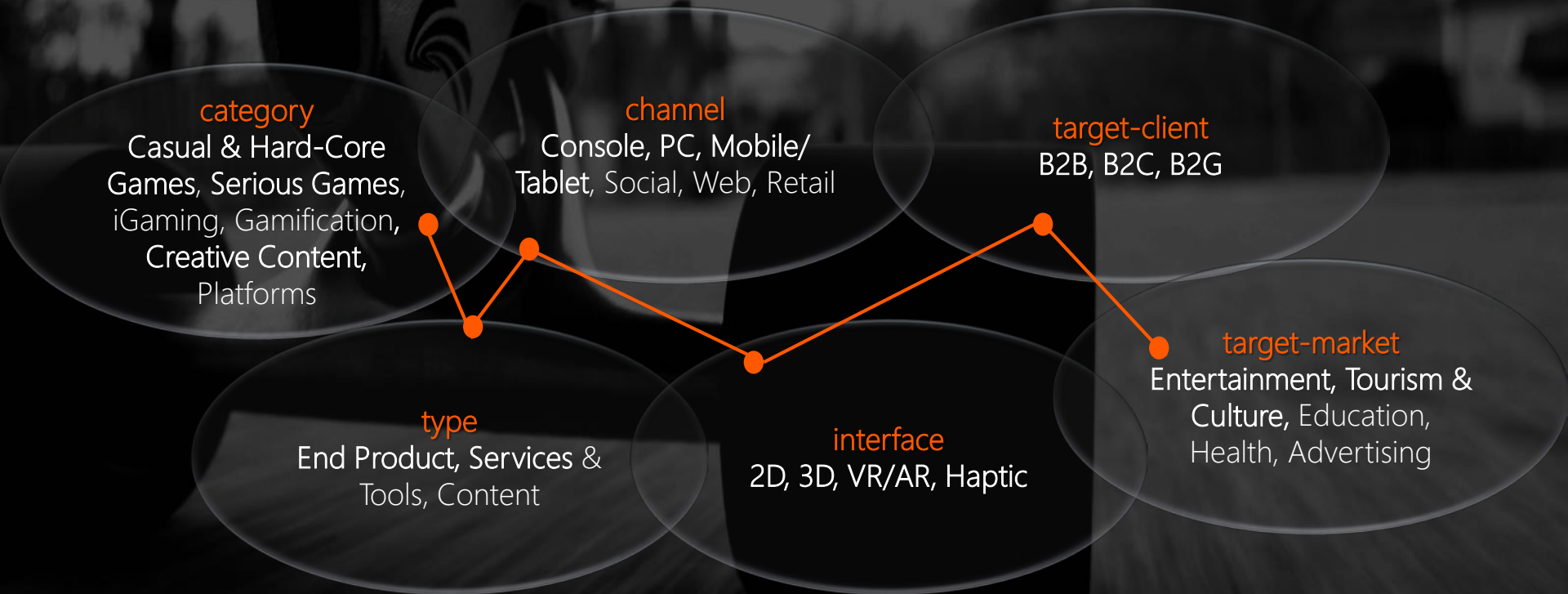| Casual & Hard-Core Games | Creative Content | Serious Games | iGaming | Gamification | Platforms |

Cluster Management Excellence
GOLD
PROVEN FOR CLUSTER EXCELLENCE

56 members

a **gold-labeled** cluster

6000 talented professionals

2 bil. turnover

exports in **60** countries

gi-Cluster | value chain

category
Casual & Hard-Core Games, Serious Games, iGaming, Gamification, Creative Content, Platforms

channel
Console, PC, Mobile/ Tablet, Social, Web, Retail

target-client
B2B, B2C, B2G

type
End Product, Services & Tools, Content

interface
2D, 3D, VR/AR, Haptic

target-market
Entertainment, Tourism & Culture, Education, Health, Advertising

[Business Incubators]

corallia
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a·innohub
a corallia initiative

m·innohub
a corallia initiative

- 2.555 m²
- 45 hosted companies
- Business Center
- Open Collaborative Spaces
- Exhibition Area

[Innovation Infusion]

1st cycle

2nd cycle

3rd cycle
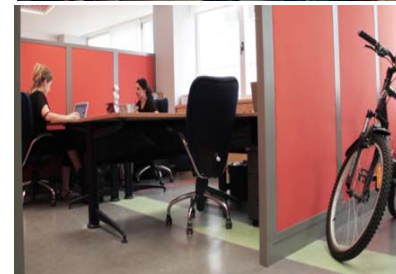
4th cycle

| Incubation acceleration & co-working programme | Established on 2013 by Eurobank & Corallia | 100 startups accelerated | Mentors Facilities Services Training | Apply on www.theegg.gr every February |

HackInnow is an open innovation contest in the insurance sector aiming at creating new technologies, applications, platforms, methods and procedures that will allow the upgrading of tools and methods currently applied to private insurance and offer enhanced services and new experiences in modern citizens (#InsurTech).

10 challenges

>50 participants

16 new applications produced

6.000€ prizes & business training

Apply on www.hackinnow.gr every November

Set up and operate at University **a free-access place & service** where students, researchers and external users can **make use of a data platform and design and test their own applications**.

Train the users to **improve their capacity** to process data and develop new applications.

Network students, researchers, entrepreneurs, project managers in industry and public authorities, civil society organisations and other representatives of civilians.

Consolidate user needs and industry requirements.

Foster the **co-creation of new innovative solutions**.

Support further **business development**.

Exploit, sustain and disseminate the concept.

Exploitation of Earth Observation Data

Open Days, Workshops, Hackathons, Space App Shops, Bootcamps

6 countries (FR, PL, IT, GR, BE, DE)

4 events in 2017 and 5 events in 2018 already planned

Students, Researchers, entrepreneurs, industry, public

Educational Trip

- ✓ A **dynamic and active alumni community** committed to contributing to the improvement of their academic environment
- ✓ **>20 workshops (trainings, career fairs etc.) have been organised** in the participants' universities aiming to connect them with the market
- ✓ **>5 new students organisations** (Co.Mv.o.S., Path, Biology Auth Team, Chemicon, BIOS etc.) developed by programme's alumni
- ✓ **2 Social Startups** (Project Yourself, Unique Minds) established by programme's alumni
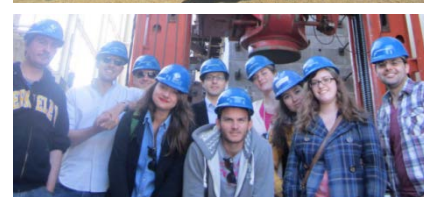
A life-changing visit to U.S. academic institutions:

Initiated on 2010 by Corallia and the Greek Students Associations

6 universities
Stanford, UC Berkeley, MIT, Georgia Tech, UC San Diego, Princeton

>120 participants

Apply on www.edutrip.gr every December

[New Value Chains]

- Market segments studies in **MELCA value chains** where **downstream space services** can bring **added value**
- Mapping of potential stakeholders and geographical **areas of interest**
- **Collaboration communities** to support the commercial spread of space products and the transfer of space technologies into MELCA sectors.
- A **legal framework** strengthening these actions
- A **5-year internationalisation plan** enabling Europe to reach its full potential in downstream space services in the MELCA sectors
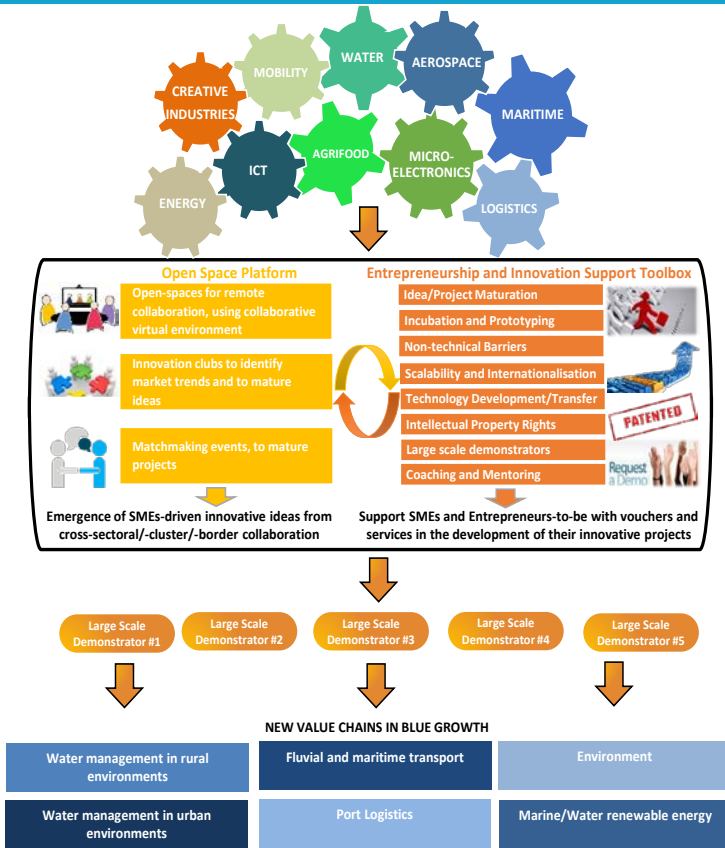
| Space-enabled Services | 10 Clusters | 6 countries | 15 months project's duration | MELCA and Space related stakeholders beyond Europe |

Neptune
Blue Growth Accelerator

- To deliver an **Open Space Platform** to facilitate the identification of market trends and the emergence of cross-sectoral/-cluster/-border projects in the Blue Growth sector.
- To support the **development of new value chains** in the Blue Growth sector and the **reconfiguration of existing ones** with an Entrepreneurship and Innovation Support Toolbox combining a complete set of financial vouchers and support services.
- To support the **creation of fertile regional ecosystems**.
- To foster the creation and the improvement of **market ready technologies, services and products** and the improvement of production processes in the Blue Growth sector.
- To support the **development of large-scale demonstrators**, to offer SMEs the opportunity to extend their markets worldwide and support the creation of new SMEs in the Blue Growth sector.

Blue Growth

12 partners

7 countries

02 Calls for SMEs
15 March 2017
15 September 2017
http://www.neptune-project.eu

100 EU SMEs
10 new companies
15-20 new value chains
40 innovative solutions

CAPSELLA
COLLECTIVE AWARENESS PLATFORMS FOR ENVIRONMENTALLY-SOUND LAND MANAGEMENT BASED ON DATA TECHNOLOGIES AND AGROBIODIVERSITY

Field
Food
Seed

- **novel ICT solutions** tailored to the **needs and requirements** of farmers communities and networks and other actors engaged in **agrobiodiversity**

- strong **bottom-up participatory approach**, top down data integration

- farmers communities and networks **interact** with agroecology, agri-food and ICT experts to test, validate and select the innovative applications and tools best suited to their needs

- **technical prototyping platform** serves as a meeting environment for **innovation** that democratizes access to big data, cloud computing, open data, open software and pilots
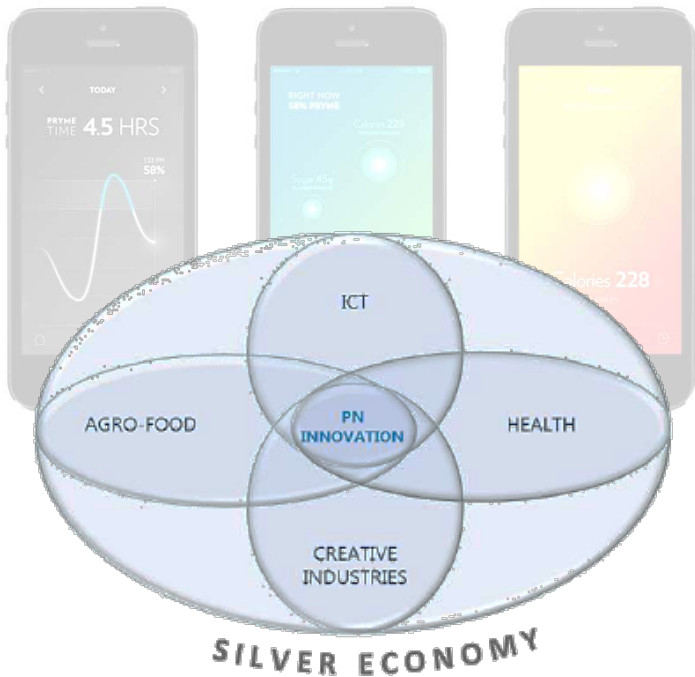
Agro-biodiversity

Food Supply chain

ICT

6 countries
(GR, IT, UK, BE,CZ,NL)

agroecology experts
agri-food experts
ICT experts
farmers communities

INCluSilver

Skåne Food Innovation Network
Aston University Birmingham
corallia
inspiring innovation driving excellence

clúster alimentario de galicia
DANISH FOOD CLUSTER
INNOSKART ICT clustermanagement

DARePUGLIA 10 ANNIVERSARY
Distretto Tecnologico Agroalimentare
Whitaker Institute
AGROPOLIS INTERNATIONAL

ICT

PN INNOVATION

AGRO-FOOD

HEALTH

CREATIVE INDUSTRIES

SILVER ECONOMY

The project intends to seize the opportunities linked to personalised nutrition and the ageing of the European population through a reinforced product and service innovation in different industrial sectors. The common ground for the project collaboration is healthy nutrition, more precisely Personalised Nutrition for the Silver Economy. The project's key objective is to:

- **support** the collaboration between actors belonging to different sectors in order to create the right conditions for generating and validating innovative ideas in the field of personalised nutrition for the silver population

Personalised nutrition for the silver economy

9 partners

9 countries
(DN, ES, IT, SV, UK, GR, IRE, HUN, FR)

36 months project duration

Silver economy users, health & nutrition experts, doctors, food industry

- To detect and financially **support NMP research results**, addressing the valley of death,

- To analyse and assess the lessons from the measures taken and supported in various Member States to exploit transform research results,

- To **provide operational guidance** for supporting efficiently the successive steps between research and innovation, paying particular attention to the use of European Regional Development Funds (ERDF), in the context of Smart Specialization Strategies.
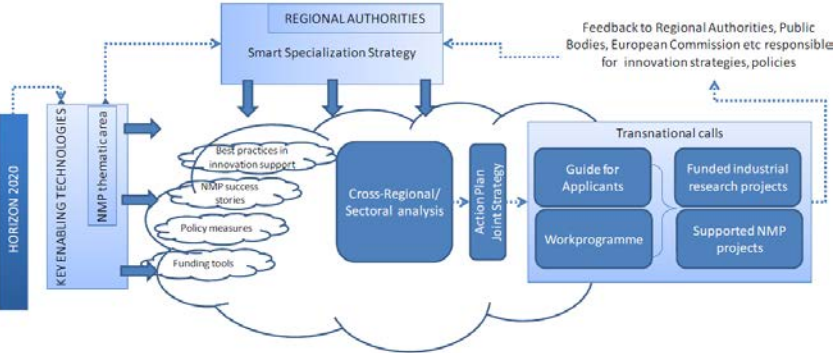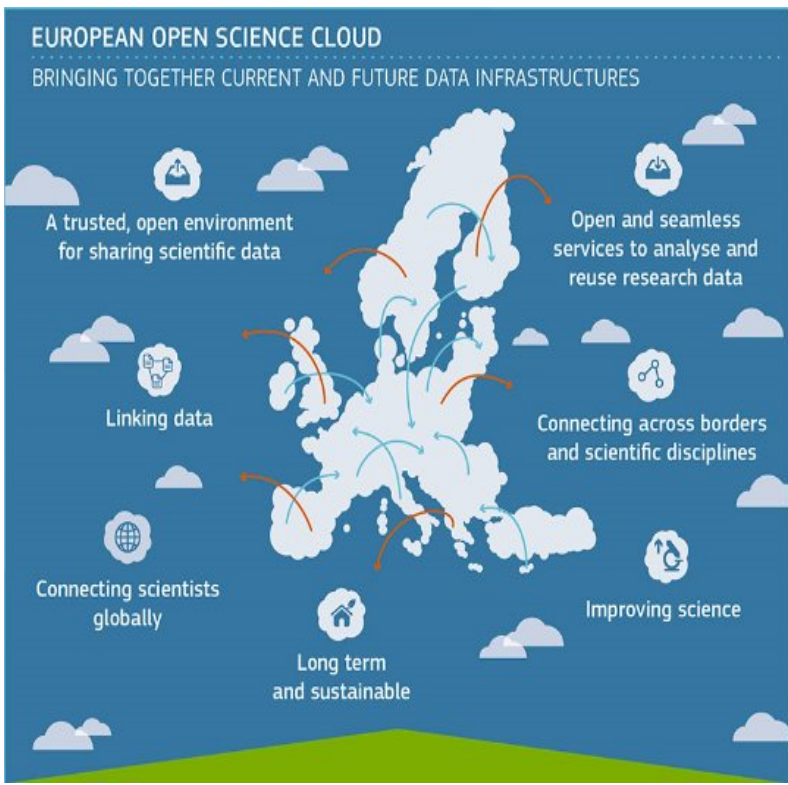
NMP technologies
Nanoscience, Nanotechnologies, Materials & new Production Technologies

22 partners

13 countries

48 months project's duration

03 Calls for research projects close to the market
01 Online Platform for tailored made services to NMP projects

EOSCpilot
The European Open Science
Cloud for Research Pilot Project

EUROPEAN OPEN SCIENCE CLOUD

BRINGING TOGETHER CURRENT AND FUTURE DATA INFRASTRUCTURES

A trusted, open environment for sharing scientific data

Open and seamless services to analyse and reuse research data

Linking data

Connecting across borders and scientific disciplines

Connecting scientists globally

Improving science

Long term and sustainable

EOSCpilot supports the development of the European Open Science Cloud, establishes the governance framework for the EOSC and contributes to the development of European open science policy and best practice. The project's key objectives are to:

- **reduce fragmentation** between data infrastructures
- **improve interoperability** between data infrastructures by demonstrating how data and resources can be shared
- **build** a dependable **open-data research environment** where data from publicly funded research is always open and there are clear incentives and rewards for the sharing of data and resources.

| Cloud Computing / Open Science | 33 partners | 11 Countries [AT, BE, FI, FR, GE, GR, IT, NL, SP, SE, UK] | 24 months project's duration | scientific communities/ public & private sector |

[Internationalisation]

corallia — inspiring innovation. driving excellence

ISD Industry Space Days — si-Cluster, 2014 | 2016

GameConnection — gi-Cluster, 2014 | 2015 | 2016

LSW London Space Week — si-Cluster, 2016

IOT Solutions World Congress Barcelona — mi-Cluster, 2015 | 2016

OPEN DAYS — Corallia, 2014

SEMICON EUROPA — mi-Cluster, 2015 | 2016

TOULOUSE SPACE SHOW' Semaine Internationale des Applications Spatiales — si-Cluster, 2014 | 2015 | 2016

esa entertainment software association **E3** — gi-Cluster, 2014 | 2015

CES — mi-Cluster, 2016

FUTUR EN SEINE — gi-Cluster, 2015 | 2016

Corallia, 2012 | 2014 | 2016

Roadshows, exhibitions , trade fairs give the opportunity to:
- raise awareness
- network with potential partners
- lead for strategic alliances
- create a customer database
- promote products and solutions to new customers
- transnational and interregional cooperation
- international collaborations

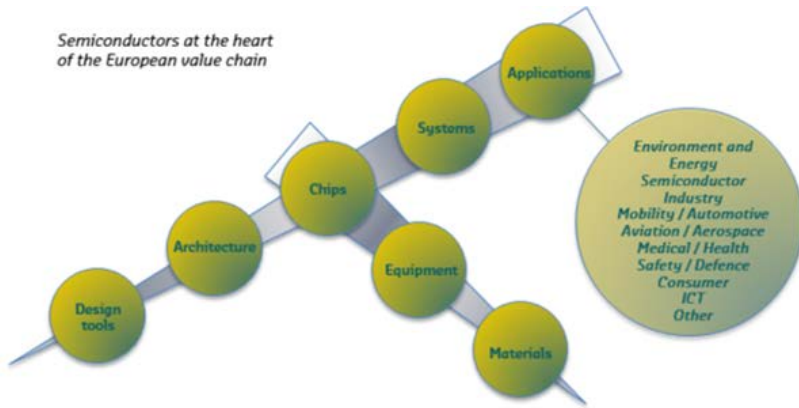**Target markets:** SMEs, entrepreneurs, investors, public sector, EC etc.

ICT / game - space - IoT industry

3 continents >15 countries

>20 participations in exhibitions/ roadshows/ tradefairs

SILICON EUROPE — THE LEADERS FOR INNOVATIVE ELECTRONICS

Semiconductors at the heart of the European value chain

Design tools · Architecture · Chips · Systems · Applications · Equipment · Materials

Environment and Energy · Semiconductor Industry · Mobility / Automotive · Aviation / Aerospace · Medical / Health · Safety / Defence · Consumer · ICT · Other

- Knowledge and Technology Transfer – Clusters support exchange throughout Europe
- Smart Specialisation – R&D along the regional strongholds and markets
- SME Funding – Clusters liaise SMEs to sources of capital
- International Business Development – Increase international visibility and consequently, detect and create opportunities for the (SME) members
- Promotion of Micro- and Nanoelectronics – Communicate at large the indispensable role in to-day's and future society

European Electronics Meta-cluster

15 cluster partners

10 European regions

Established in 2012

More than 2000 total members

Connected Media & Content for Innovation and Creativity in digital Europe

NEM Initiative (New European Media Initiative) aims at fostering the convergence between consumer electronics, broadcasting and telecoms in order **to develop the emerging business sector of networked and electronic media.**

As part of the NEM Initiative, the **Cluster of Clusters** has been established to foster European Creative Industries' clusters which both unifies and utilises clusters as key growth drivers for the industry in Europe.

gi-Cluster has been a member and active contributor of the Cluster of Clusters since 2015.

European New Media Meta-cluster

18 Creative Industries' Clusters

a European Initiative to drive innovation

Space4Globe
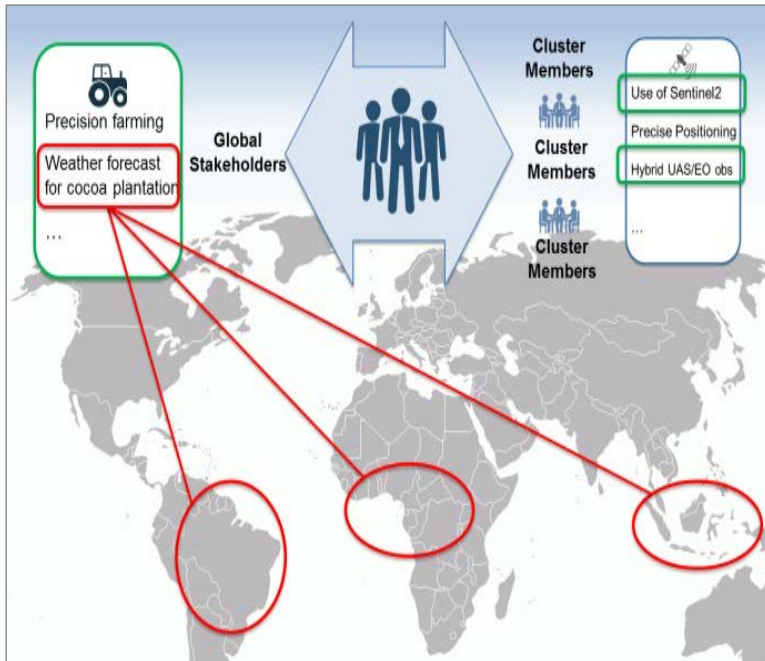
- **Uniting** the leading **European Space Clusters** and create transnational business and innovation opportunities between European Space Clusters and **other Clusters and Partners** in Europe and internationally in order to actively cooperate trans-national and trans-sectorial level
- Promoting **cutting edge technologies** inside and outside Europe and facilitating their application into **international markets of other sectors**
- Exploring international market opportunities and enabling **international matchmaking**
- Facilitating SME members towards specific third countries to be identified

| Space-enabled Services Meta-cluster | 10 founding Clusters | 6 initial countries | Trans-national and trans-sectorial stakeholders |

Distinctions

GROW your REGIOn: among the four most effective smart specialisation applications in Europe

1 of the 3 Greek Success Stories in the EU

EU Cohesion Policy success story

ESCA Paper: another good example for combining services following a strategy that aims at the promotion of cross-sectoral fertilization

EC Press Release: among the organisations that have largely contributed to the technological development of the country
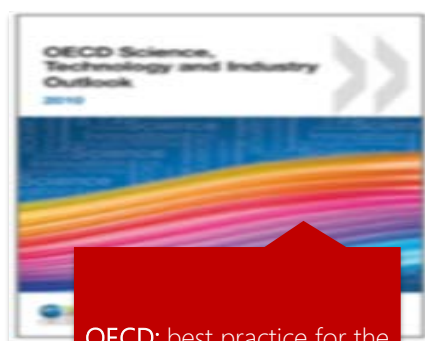
OECD: best practice for the development of innovation clusters in Greece
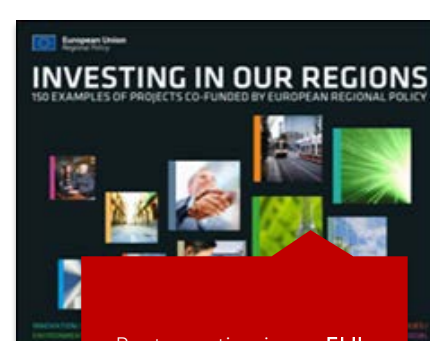
Best practice in an EU's edition "Investing in our Region"

Dedicated Interview in the EBN Creative Technical Note
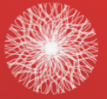
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Acknowledgements

Corallia Clusters Initiative is hosted at the **Research Center "Athena"**, under the auspices of the General Secretariat for Research and Technology of the Hellenic Ministry of Education, Research and Religious Affairs.