

GEO-CRADLE:

**Fostering regional cooperation
and roadmap for GEO and
Copernicus implementation in
N. Africa, Middle East, and the
Balkans**

*Funded under H2020 - Climate action,
environment, resource efficiency and raw
materials*
*ACTIVITY: Developing Comprehensive and
Sustained Global Environmental Observation
and Information Systems*
CALL IDENTIFIER: H2020 SC5-18b-2015
*Integrating North African, Middle East and
Balkan Earth Observation capacities in
GEOSS*
Project GA number: 690133
Total Budget: 2,910,800.00 €



**Haris KONTTOES, Research Director, National
Observatory of Athens,
Project Coordinator**

GEO-CRADLE

... is a unique EU funded Coordination Action running at regional level,
... is looking at the N. Africa, Middle East, and the Balkan territories;

It seeks to identify common needs, create synergies, and integrate capacities,

Fosters the regional cooperation and integration of monitoring capabilities and networks, and scientific skills

Proposes/sets up large scale regional initiatives based on the Earth Observation (space based and in-situ) for addressing societal priorities in different thematic aspects such as Adaptation to Climate Change, Access to Raw Materials, better exploitation of the renewable Energy resources, and Food Security

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1

To create a multi-regional (Balkans, N. Africa and Middle East, namely RoI) coordination network

2

Support the effective integration of Earth Observation capacities in the RoI

3

Facilitate the engagement of the complete ecosystem of EO stakeholders in the RoI

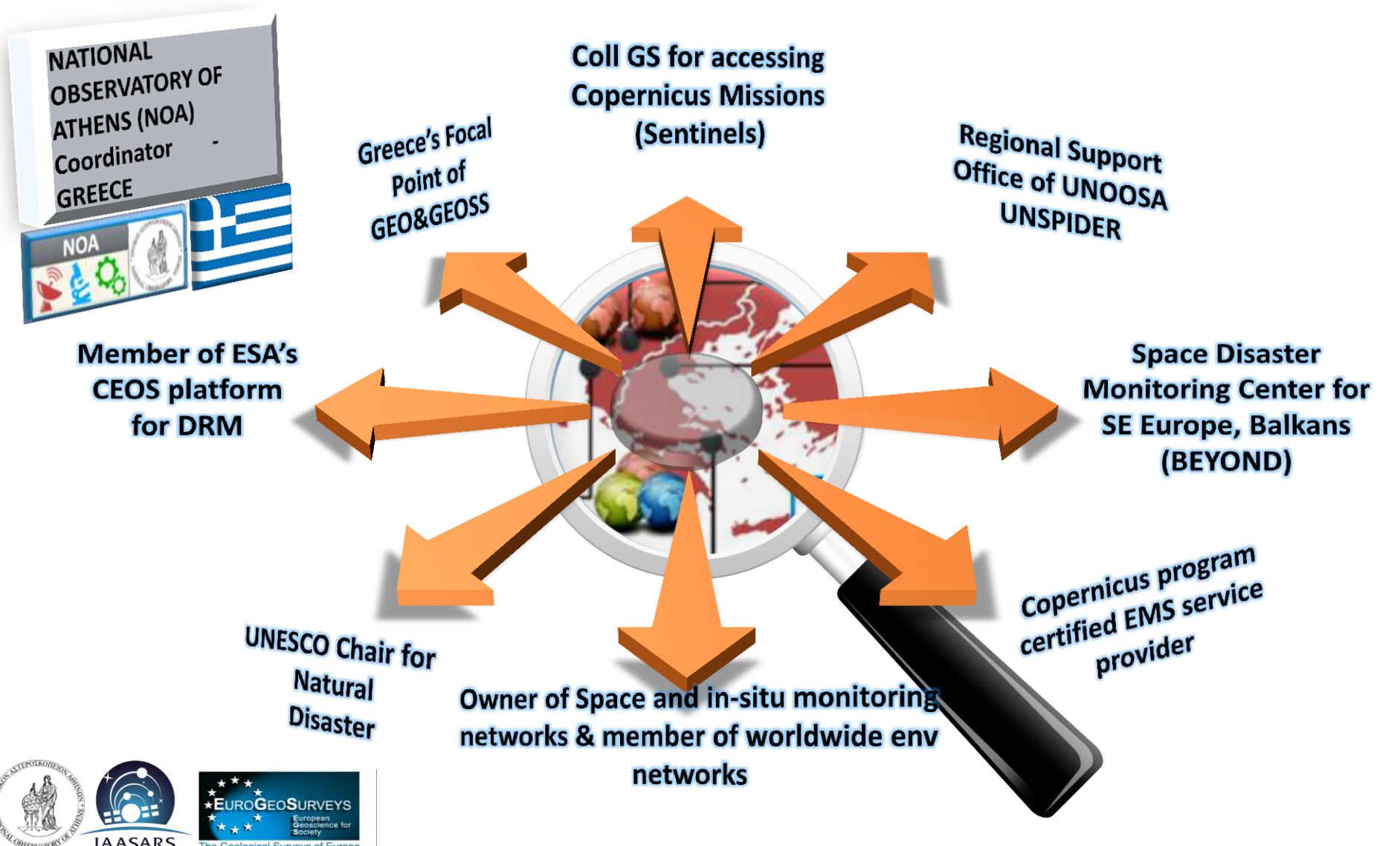
4

Promote the uptake of EO services and data in response to regional needs

5

Enhance the participation in and contribution to the implementation of GEO, GEOSS, and Copernicus in the RoI

The Coordinator



The Partners

25 Partners, 3 Continents, 1 Team

► **GEO-CRADLE** brings together a highly-complementary team combining a strong background in GEO-related coordination activities with proven excellence in the field of Earth Observation:

- Leading research institutes and universities
- Highly-esteemed international associations
- Service Providers with strong regional presence



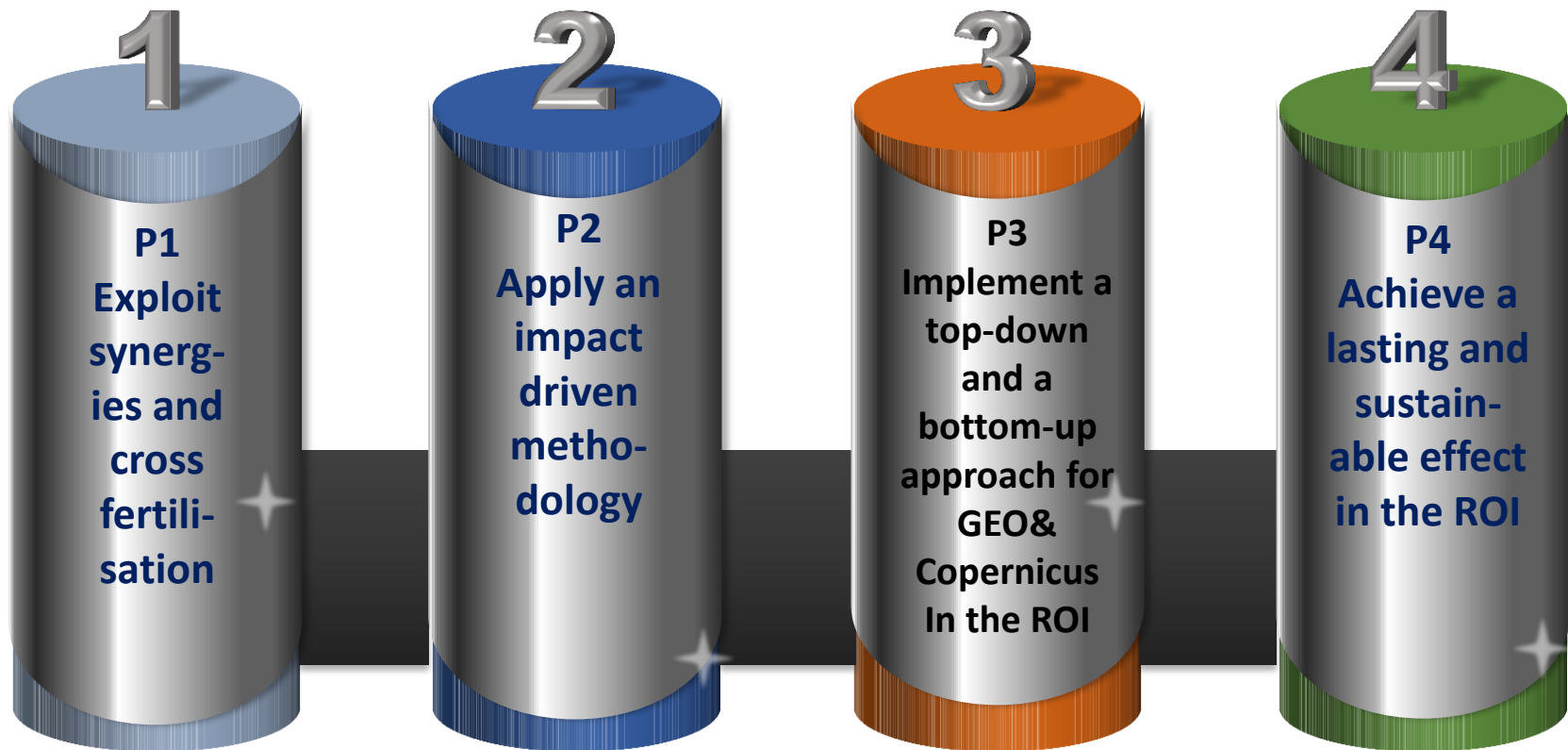
At the
consortium level
48 women (39%
of personnel) are
involved

Gender
Analysis

31% of the
WorkPackages
are led by
women

Gender
Analysis

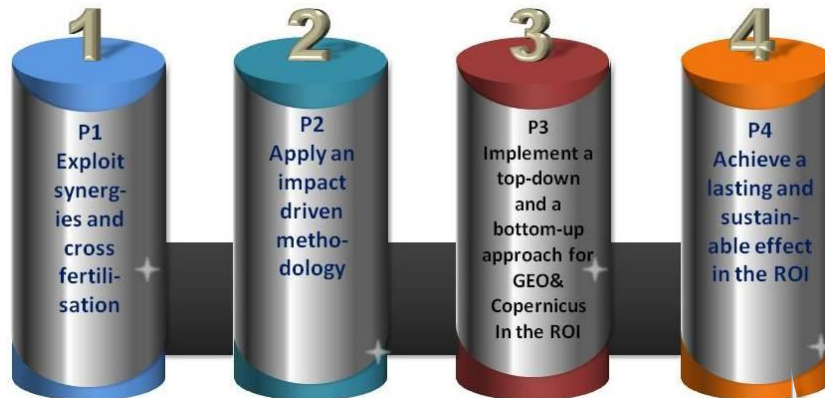
4 main pillars underpin the GEO-CRADLE concept



GEO-CRADLE & the 2nd EuroGeoSurveys Networking Meeting, 17-18 Oct 2016, Morocco



GROUP ON
EARTH OBSERVATIONS



Alignment with EC &
GEO priorities/vision

2

1

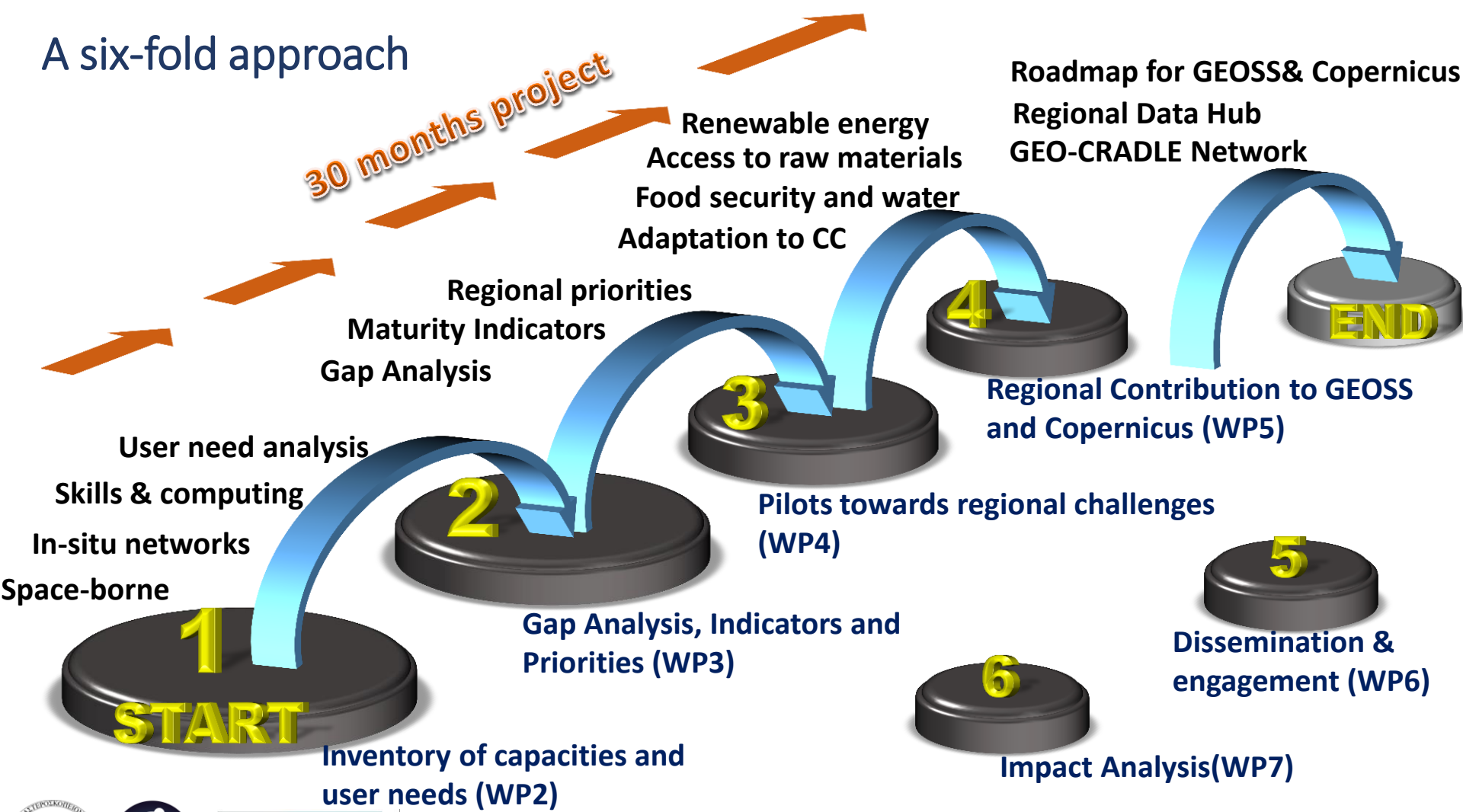
Lessons learned and best practices from past projects and initiatives

AfriGEOSS, BRAGMA,
EOPOWER, OBSERVE,
EnerGEO,
BEYOND, BalkanGEONet,
ConnectinGEO

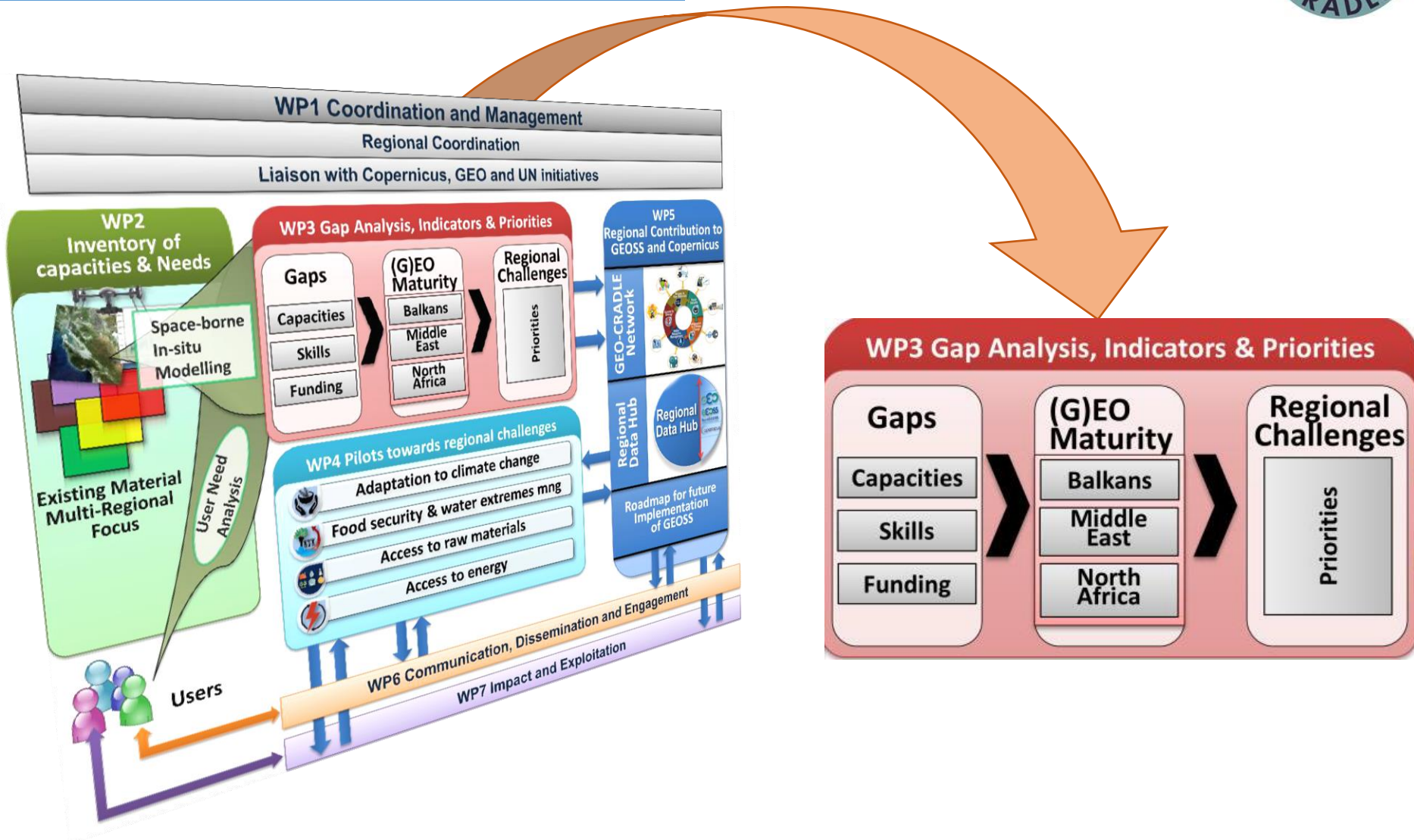




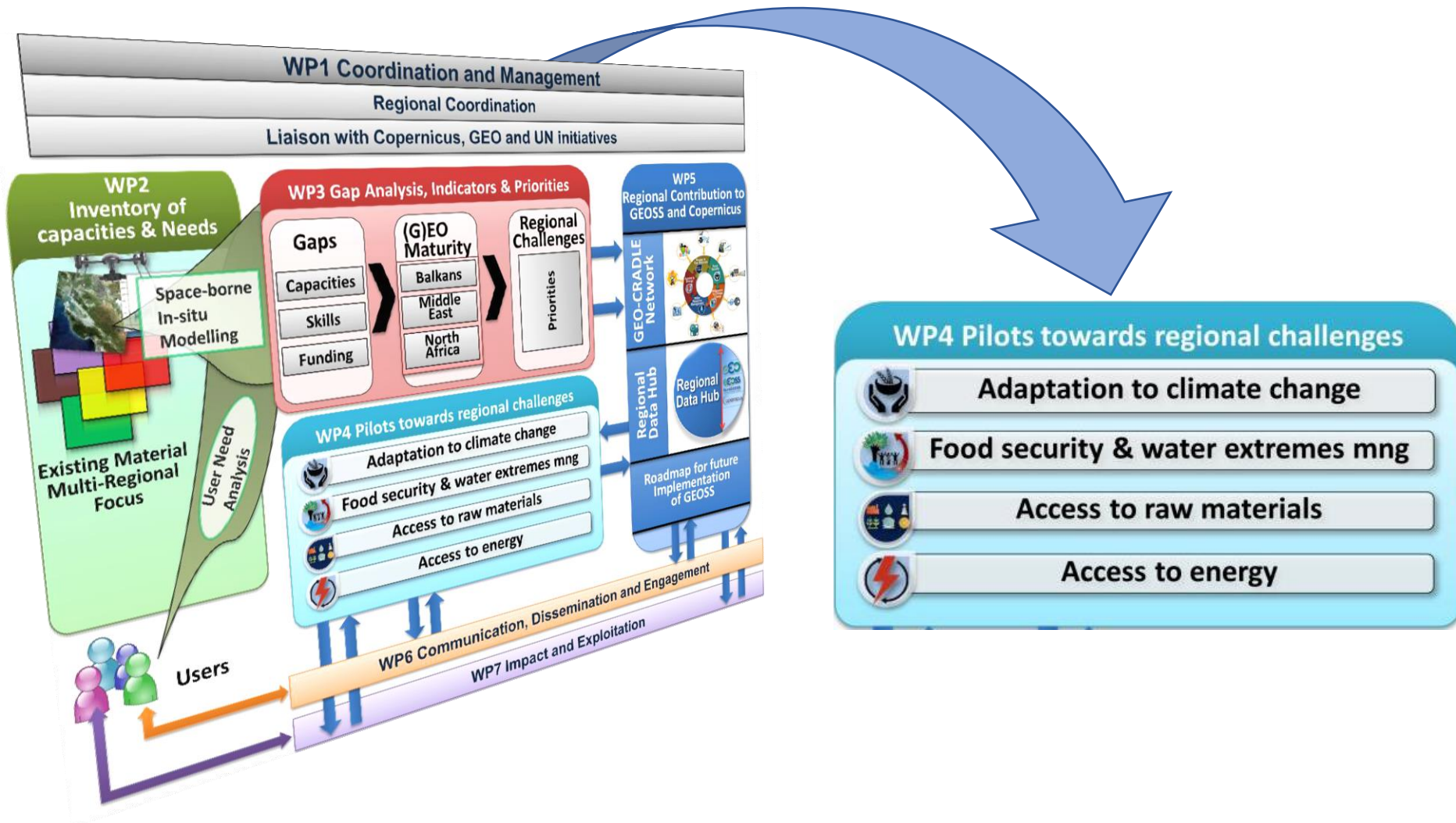
A six-fold approach



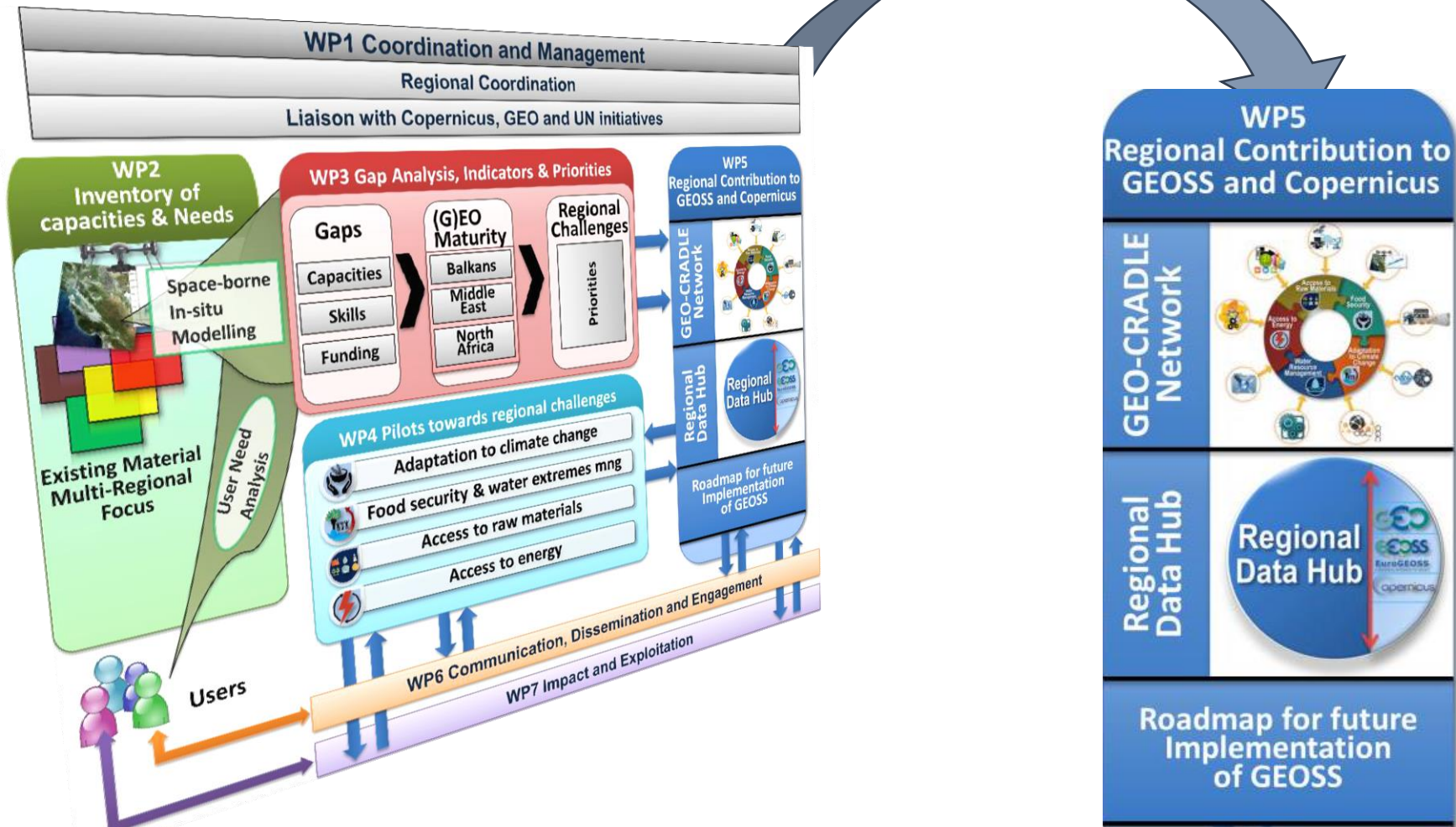
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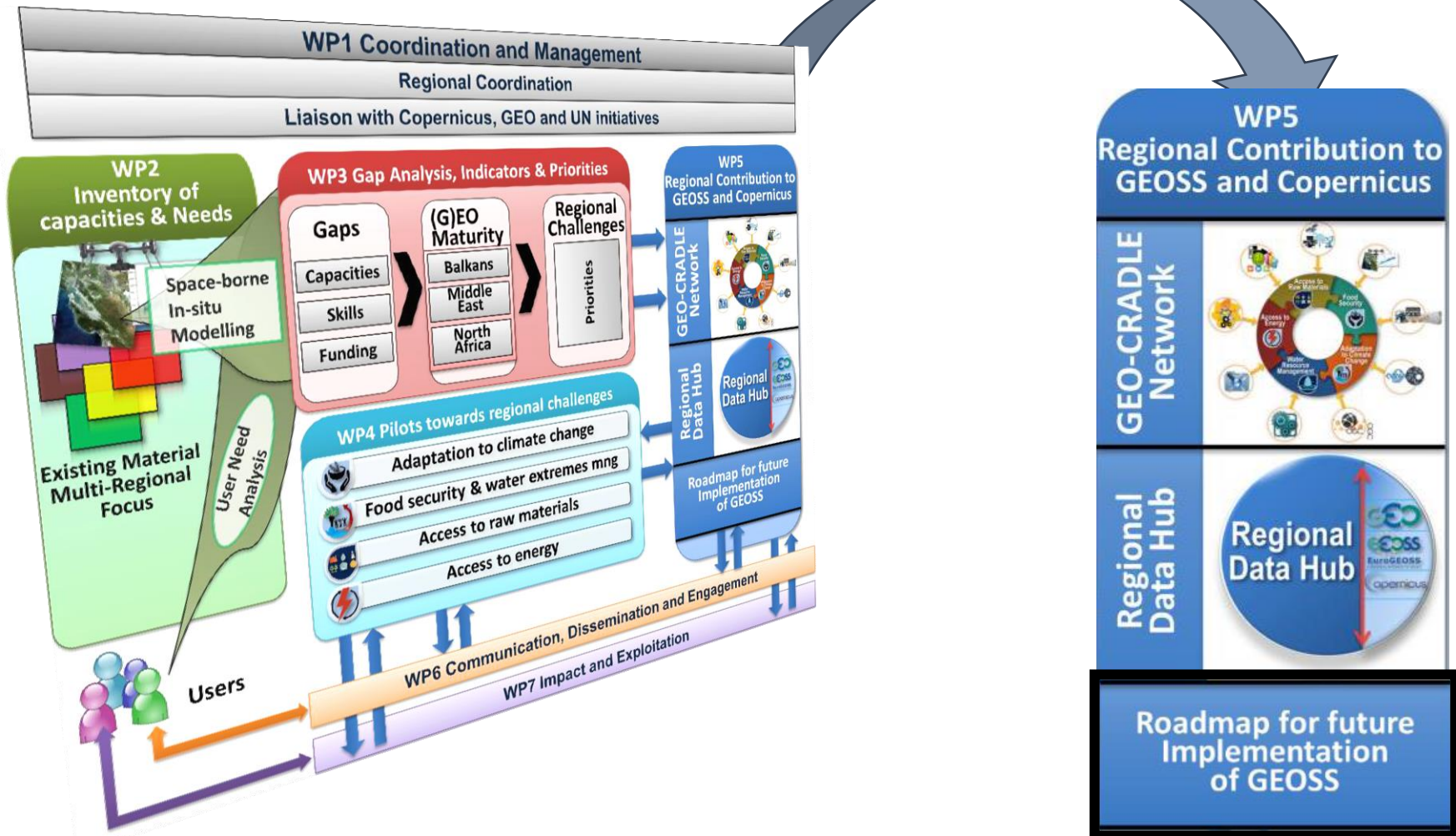
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Roadmap for future Implementation of GEOSS



Guides

the implementation of
GEOSS and the uptake of
Copernicus in the RoI

Assesses

the readiness and maturity of
each country in the RoI

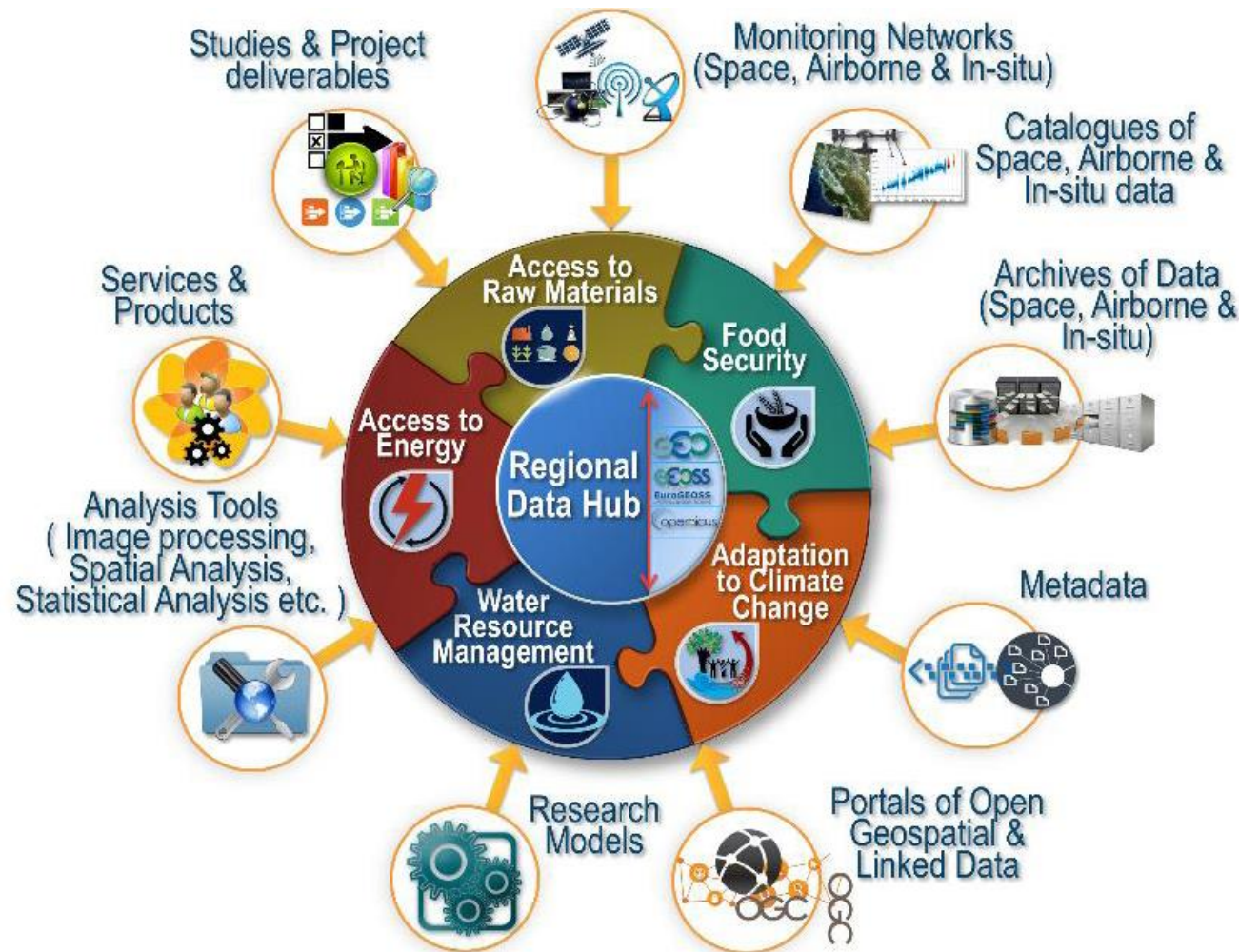
Lays out

the actions for the long-term
response to major regional
challenges in the RoI

Paves

the ground for a potential
regional large initiative

GEO-CRADLE & the 2nd EuroGeoSurveys Networking Meeting, 17-18 Oct 2016, Morocco



Acts as “one-stop-shop” that offers free access and several discovery options to catalogs of data and metadata specific to the RoI



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GROUP ON
EARTH OBSERVATIONS



Abides by the
GEOSS Data
Sharing
Principles

RDH

Complies with
the navigation
logic of the
GEOSS portal

RDH

Strengthen the
GEOSS portal &
Alleviate its
shortcomings

RDH



Disseminate
the scope and
perspectives
of GEO-
CRADLE
towards
enlarging the
EO market at
regional level
and the
country



Be engaged,
and assist
reporting on
the needed
support in
relation to EO
data,
excellence,
education,
funding
schemes



Provide analytic
information
about the
priorities set out
by the local
decision makers
in each one of
the four
thematic
priorities of the
call



Use the project
as the driver to
outreach the
country's state-
of-the-art to
the wider
markets, and
assist the setting
up of beneficial
joint ventures
and partnerships



Support the
development
and enrichment
of the RDH with
data, facilitating
the local EO
community to
build upon it of
new businesses
of wider interest
in the RoI



Concluding issues

thank you!
شكرا

