



Coordinating and integrating state-of-the-art Earth Observation Activities in the regions of North Africa, Middle East and Balkans and Developing Links with GEO related initiatives toward GEOSS

*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 €

GEO-CRADLE:

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



*Hotel Park, Novosadskog sajma 35
Novi Sad, Serbia*





The GEO-CRADLE objectives

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 GEO-CRADLE partners



The Partners

Legend

GEO-CRADLE Partners		Name
Red Pin	Full partner-Entity	
Blue Pin	Full partner-Int. Organ	
Brown Pin	Third Party	
Blue Pin	RoI	

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

Gender Analysis is

31% of the WorkPackages are led by women

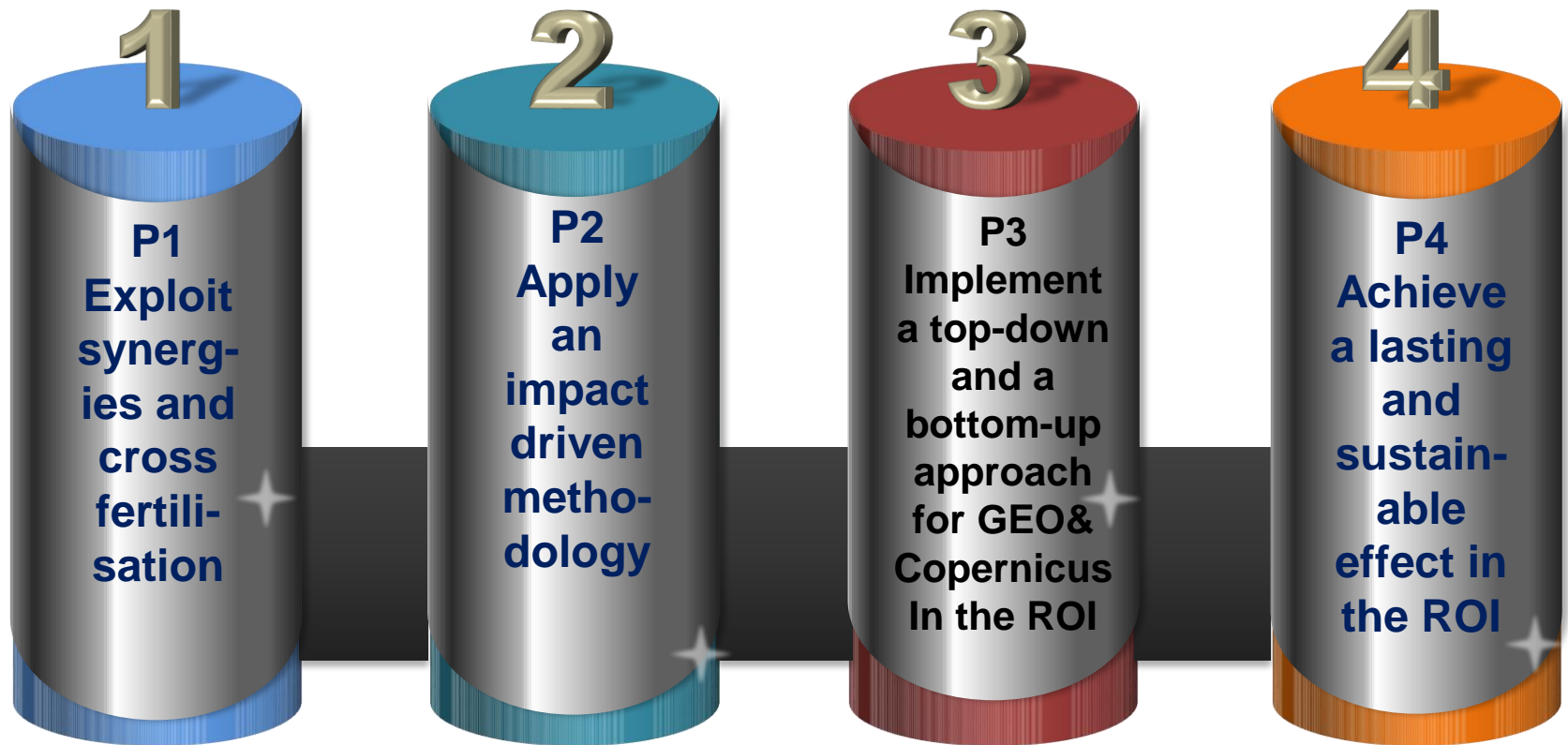
Gender Analysis is





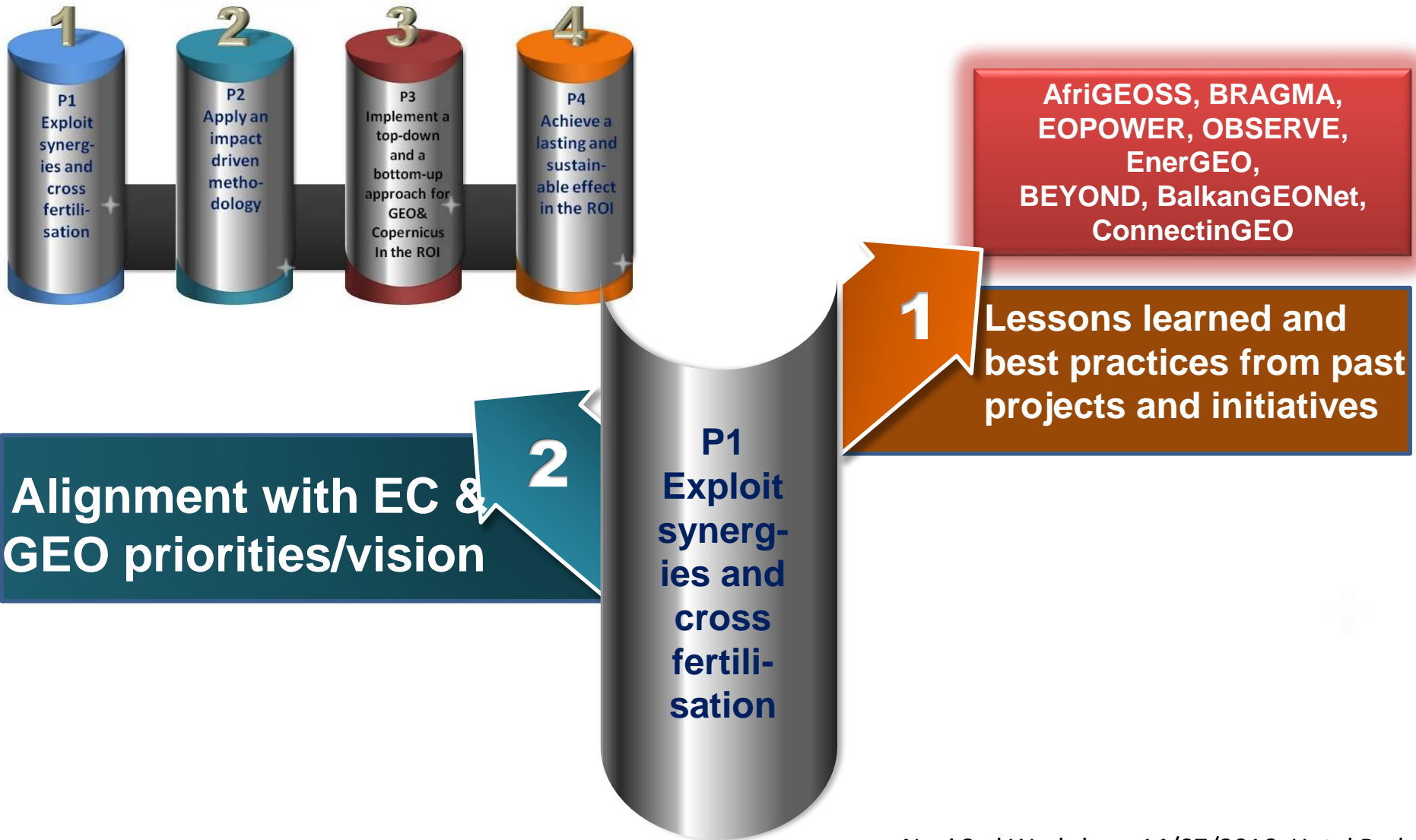
The GEO-CRADLE pillars

4 main pillars underpin the [GEO-CRADLE concept](#)



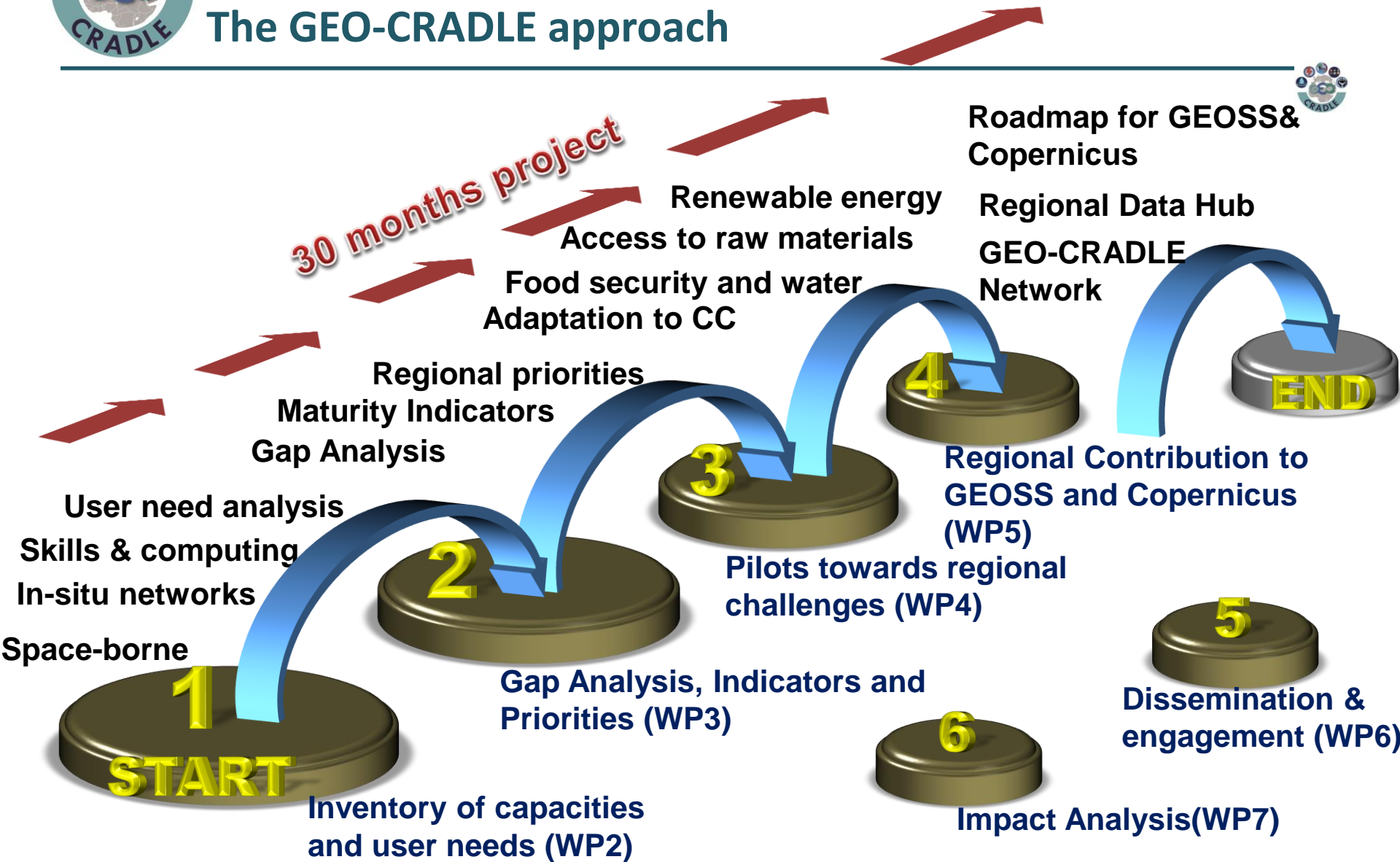


The GEO-CRADLE pillars



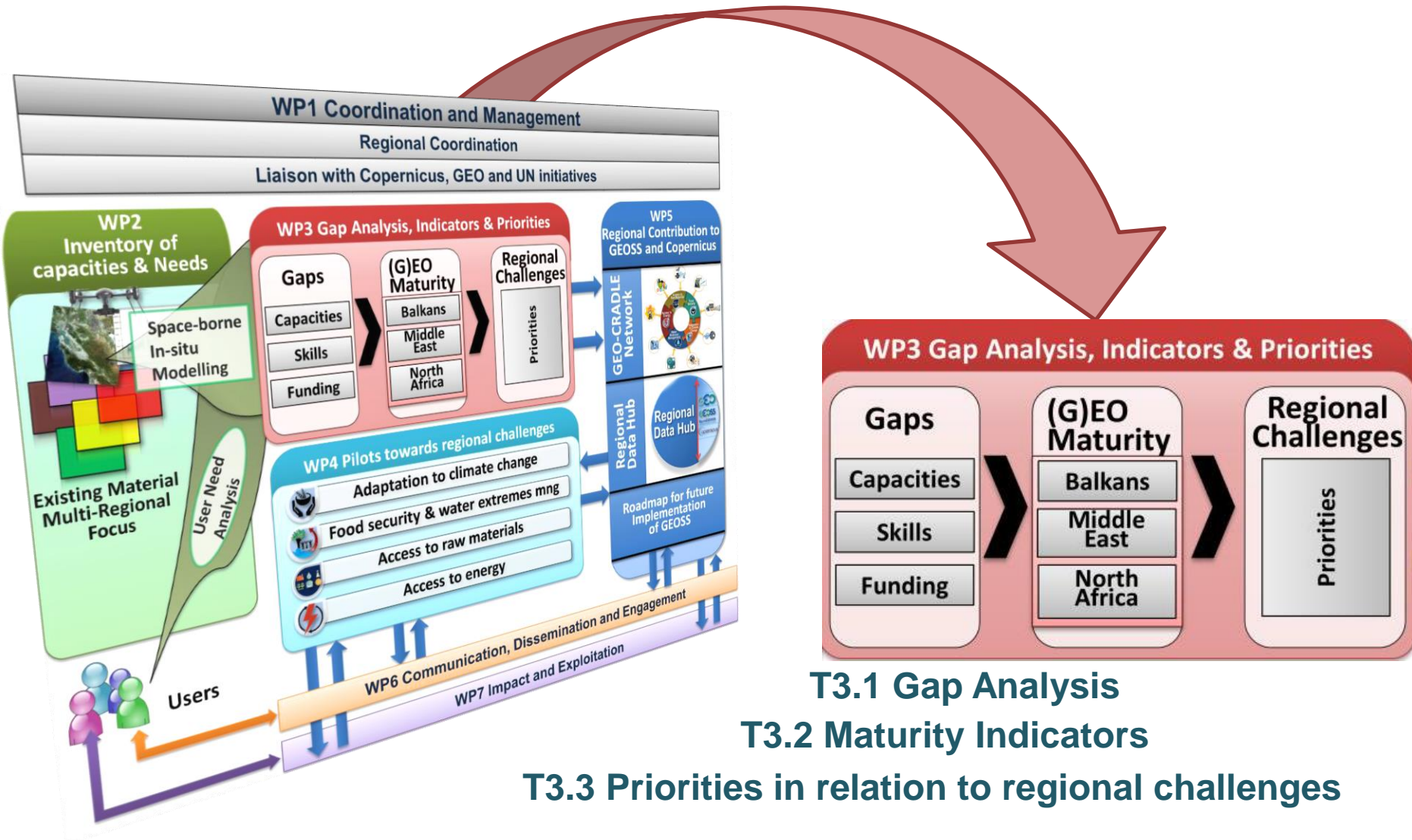


The GEO-CRADLE approach



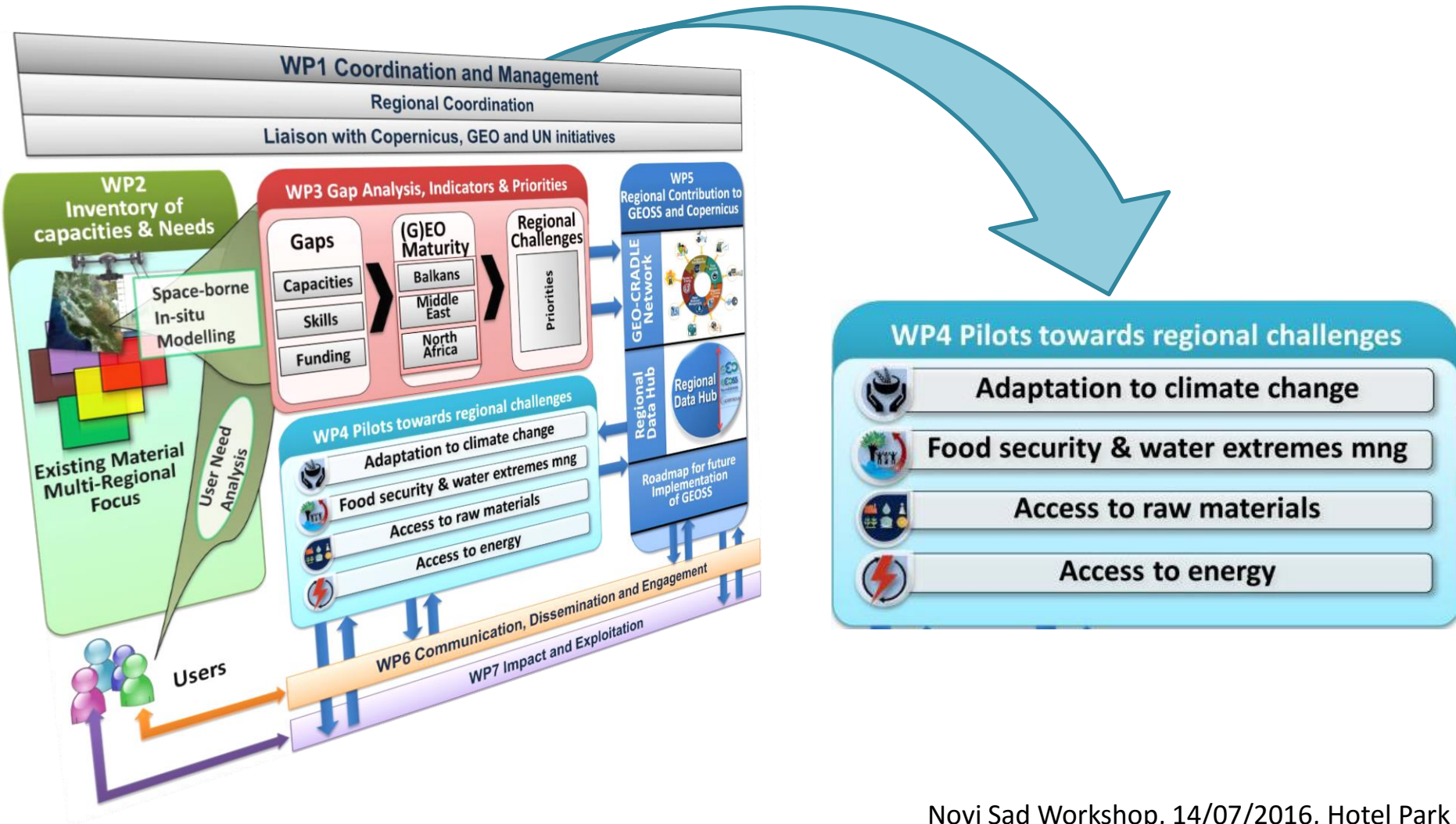


The GEO-CRADLE approach



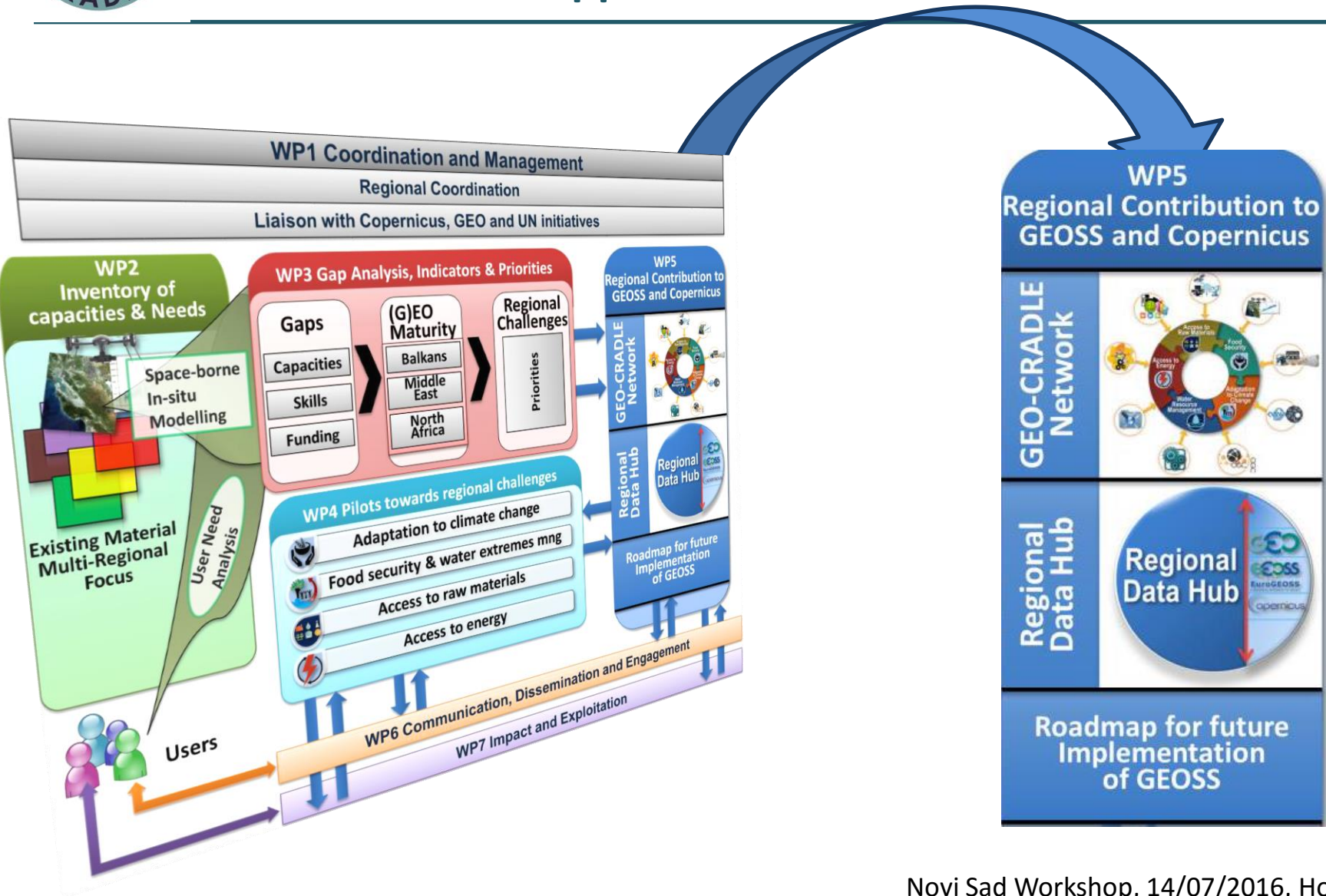


The GEO-CRADLE approach



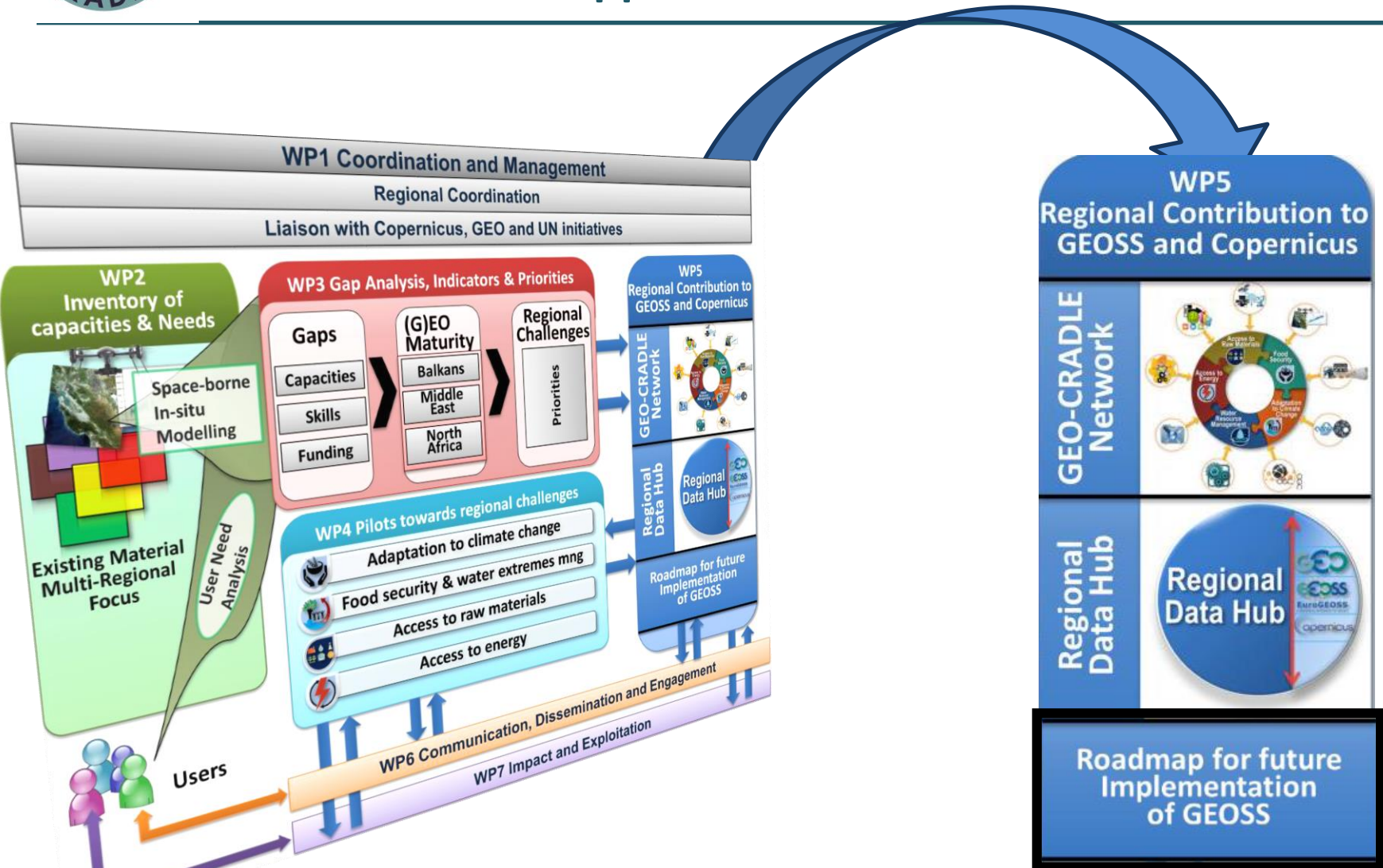


The GEO-CRADLE approach





The GEO-CRADLE approach





The GEO-CRADLE approach

WP1 Coordination and Management

Regional Coordination

Liaison with Copernicus, GEO and UN initiatives

Guides

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

WP2 Inventory of capacities & Needs

WP3 Gap Analysis, Indicators & Priorities

Gaps

(G)EO Maturity

Regional Challenges

Assesses

the readiness and maturity of each country in the Rol

Roadmap for future Implementation of GEOSS

Lays out

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

Paves

the ground for a potential regional large initiative





The GEO-CRADLE approach

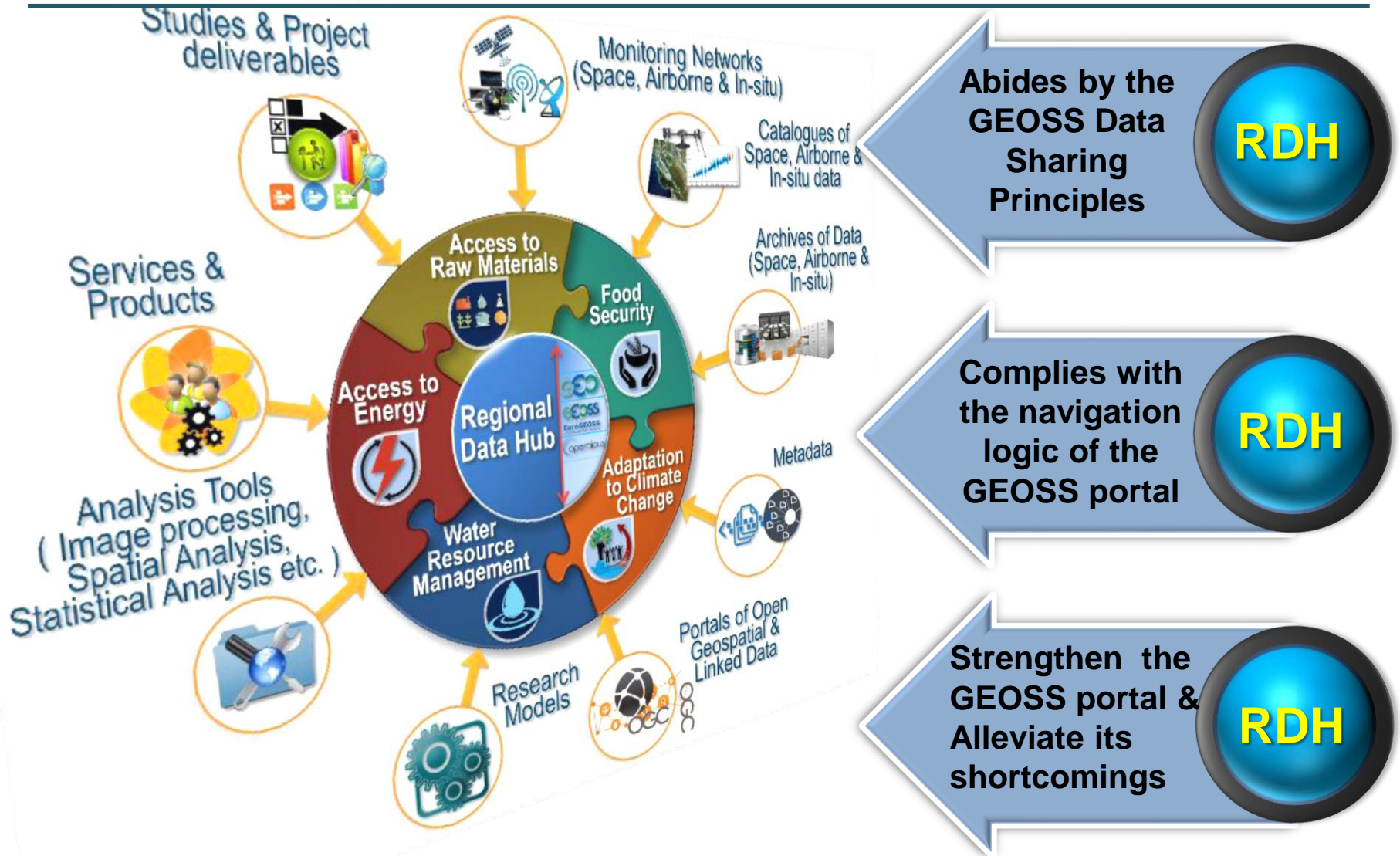


Acts as “one-stop-shop” that offers free access and several discovery options to catalogs of data and metadata specific to the Rol





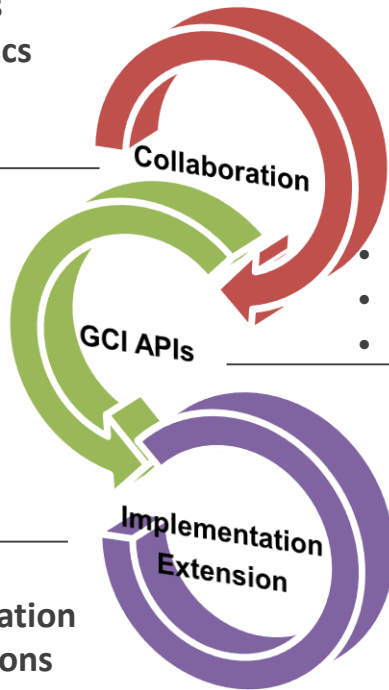
The GEO-CRADLE approach





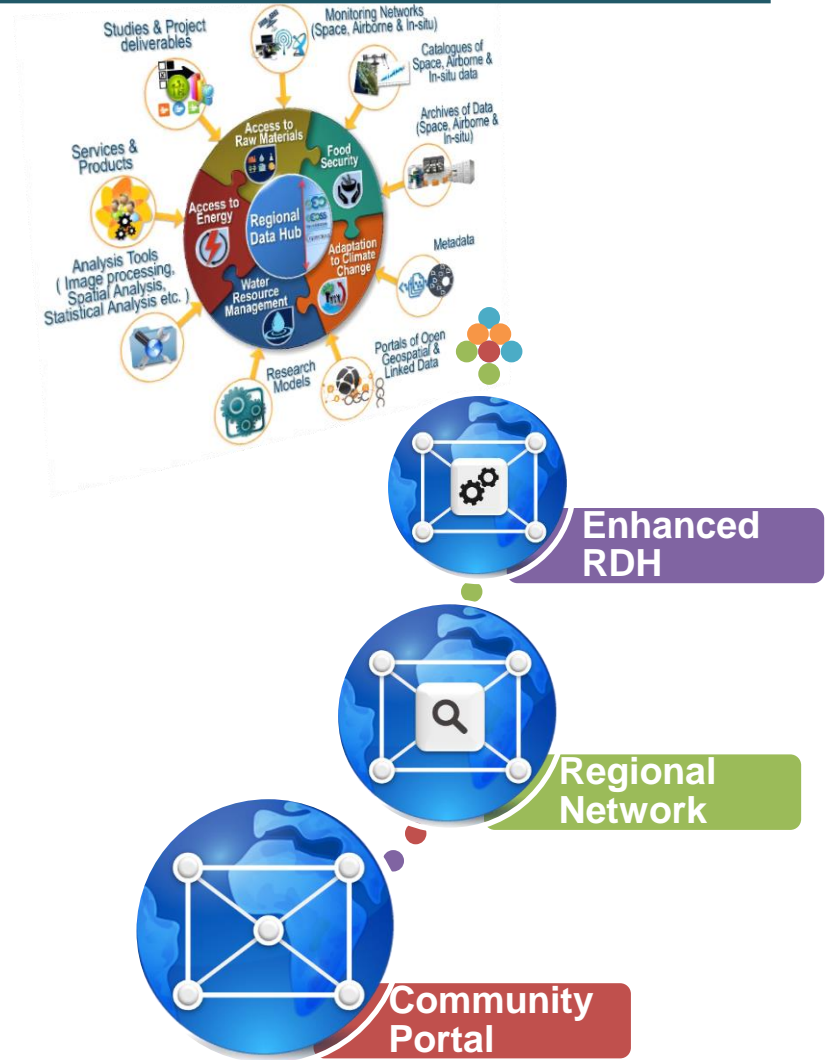
The GEO-CRADLE approach

- User Needs
- System Specs
- Data Collection



- GCI, DAB APIs
- Architecture
- Source Code

- Regional Implementation
- API extensions
- RDH Improvements



thank you!
شكرا



תודה
Dankie Gracias
Спасибо شكرًا
Köszönjük Merci Takk
Grazie Dziękujemy Terima kasih Dèkojame
Ďakujeme Vielen Dank Paldies
Kiitos Täname teid 谢谢
Thank You Tak
感謝您 Obrigado Teşekkür Ederiz
Σας ευχαριστούμε 감사합니다
Bedankt Děkujeme vám
ありがとうございます
Tack