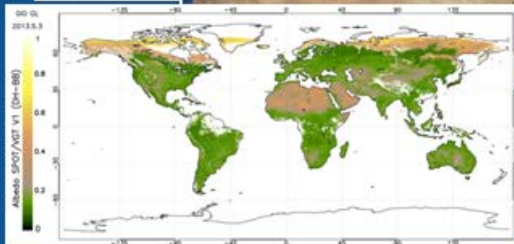
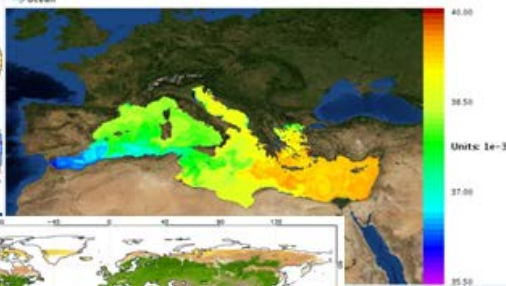
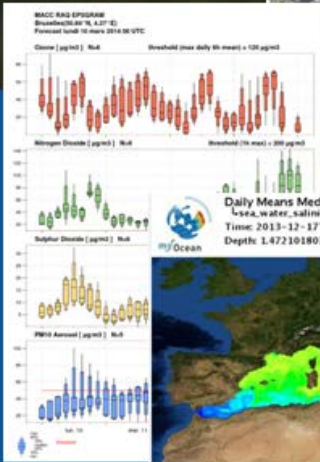


Copernicus: The Union Earth observation & monitoring programme

Peter Breger
Deputy HoU Copernicus Services
DG Enterprise and Industry



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USERS

Policy makers

&

Public

&

Private,
commercial

Our DRIVING force

What is their need?



Farming



Ice
monitoring



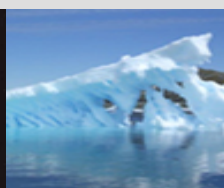
Air quality



Flood



Border
Surveillance



Mitigation /
Adaptation
index

Examples of
added-value products



Land



Marine



Atmosphere



Emergency



Security



Climate

The 6 thematic
information services

Space Infrastructure

&

in-situ (non-space)
Infrastructure

Sustainable information

OBSERVATION

Job & Growth: Cost-benefit analysis



- **Cost** per EU inhabitant will be **~€1.07 per year**
- Expected cumulative **financial benefit** by 2030 is **~€30 Bn**
- comparable to 0.2% of the EU GDP
- For every €1 spent we get a **return of ~€3.2**
- An estimated minimum of **~48,000 jobs** will be created –
over the period 2015 -2030
- Estimated downstream market potential turnover will be
~€1.8 Bn by 2030