

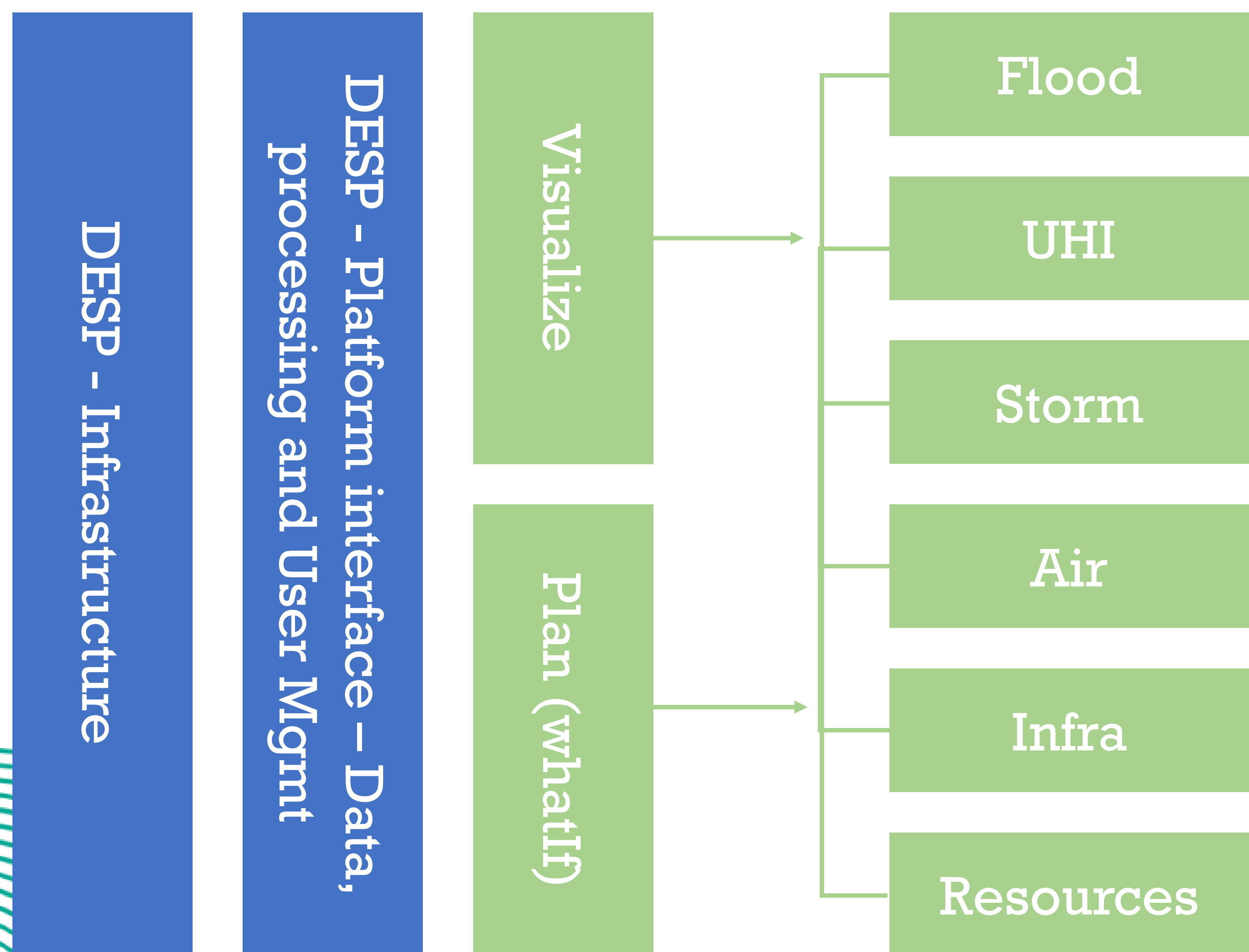
# Second Destination Earth User eXchange

13-14 November 2023  
Bonn, Germany

UrbanSquare



## Use Case Overview – Measures and modeling for increased environment resilience



Flood risks and modeling

Urban Heat Islands – Heat waves

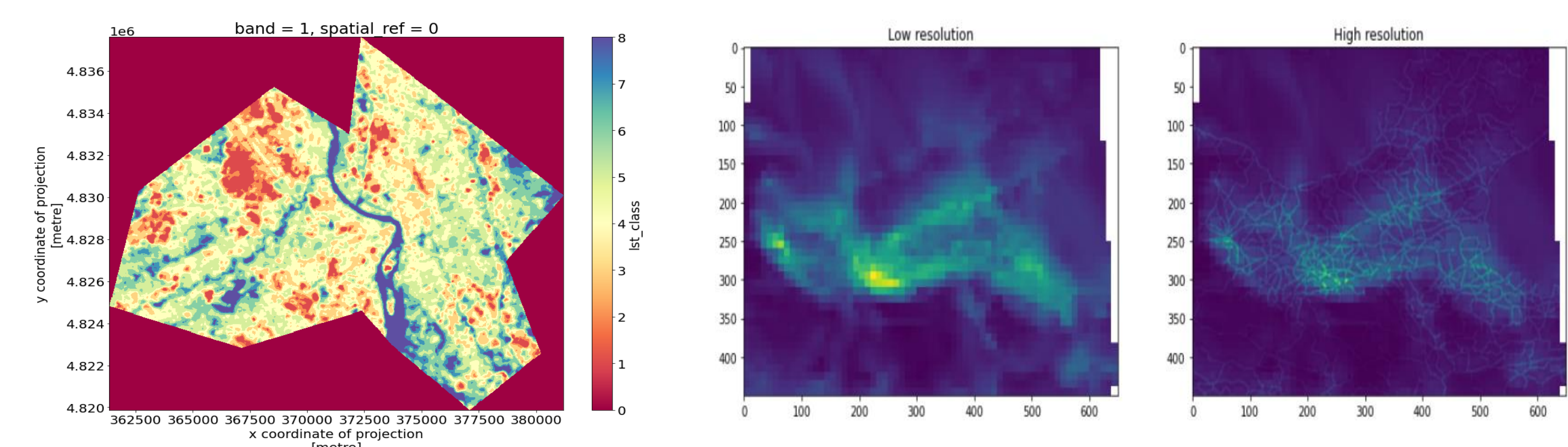
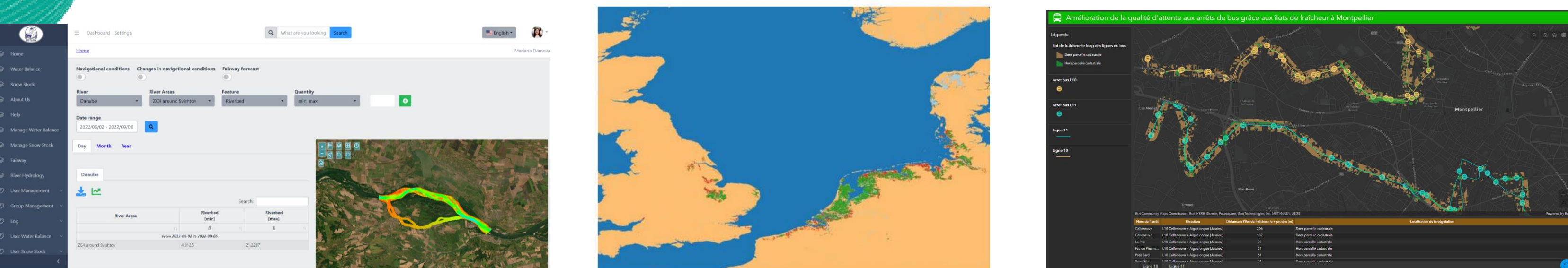
Storm surge and sea level rise

Air pollution and quality

Disruption of roads infrastructures

Increased demand on resources

## EO products with high level of maturity



Powered by Data from Copernicus, NASA, ESA and DTs: **Climate Change Adaptation, Weather-induced and Geophysical Extremes & On-Demand Weather-induced and Geophysical Extremes**

## Full Integration to DESP for the benefit of Confirmed Stakeholders

- ✓ Cloud Infrastructure
- ✓ Information Dissemination & Dashboard Services
- ✓ Service Desk
- ✓ Service Registry & Traceability Service
- ✓ IAM & Accounting Services
- ✓ Data Workflow Services & Traceability
- ✓ Data visualization
- ✓ User workflow



toulouse métropole

