



Workshop on European Satellite Snow Monitoring Perspectives

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Workshop on European Satellite Snow Monitoring Perspectives
4 - 5 December 2012





Welcome and Introduction

Advancement of European Satellite based snow monitoring capabilities in the last 10 years:

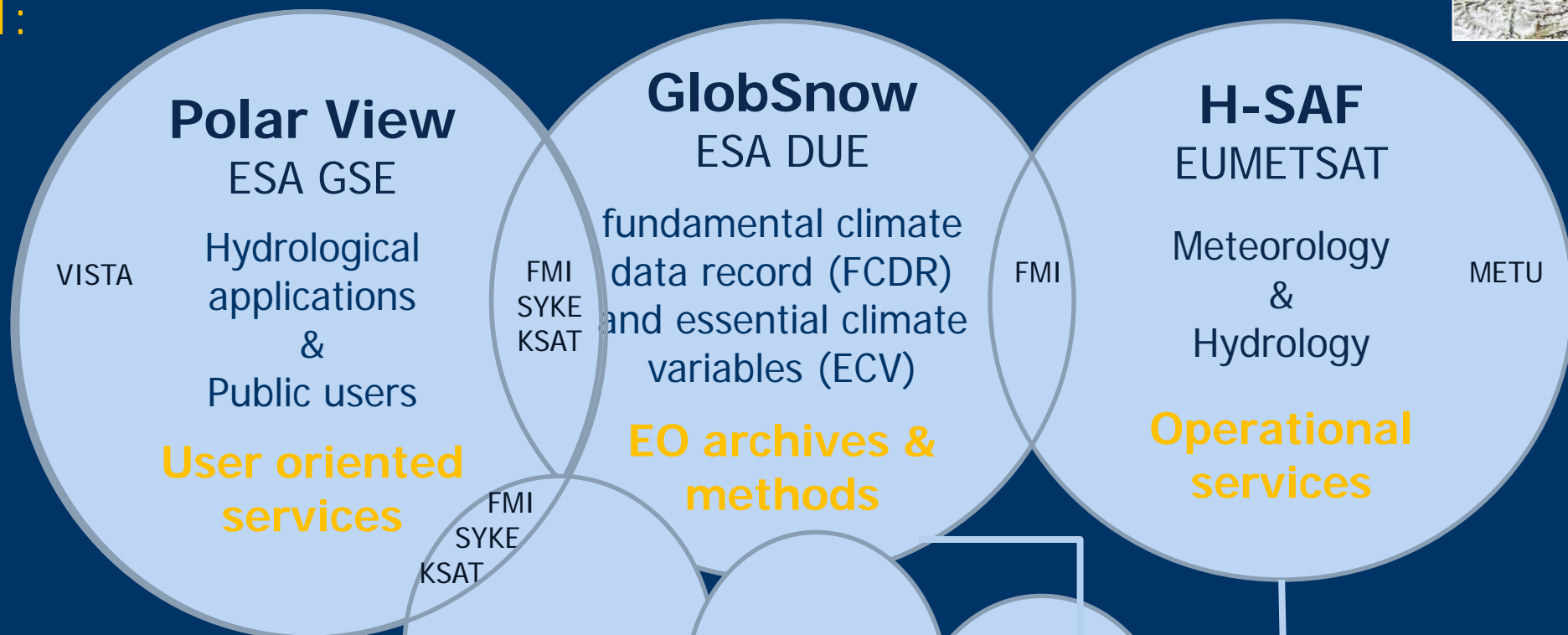
- ESA GMES Polar View
- ESA GlobSnow
- EUMETSAT Hydrology Satellite Application Facility
- EC FP7 Cryoland

R&D for implementation of services addressing broad spectrum of user needs: e.g. flood forecasting, climate research, meteorology, hydrology, water management, public risk, tourism, etc.

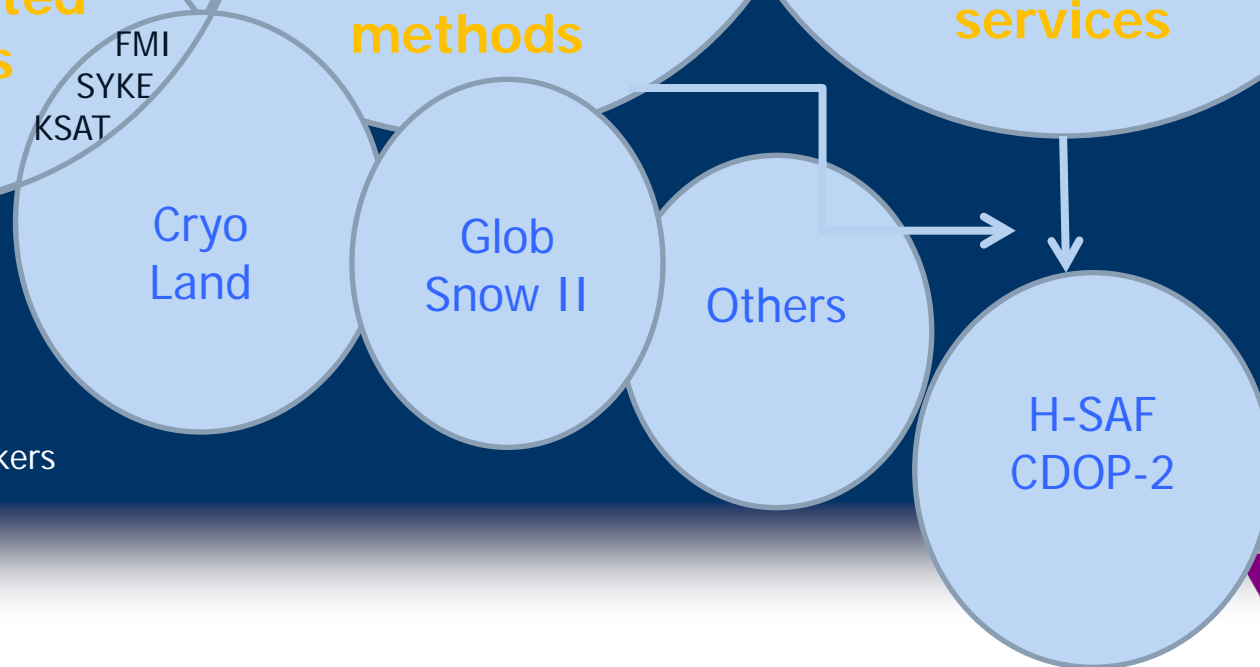
Situation of Snow Service Initiatives in Europe



2011:



2012:

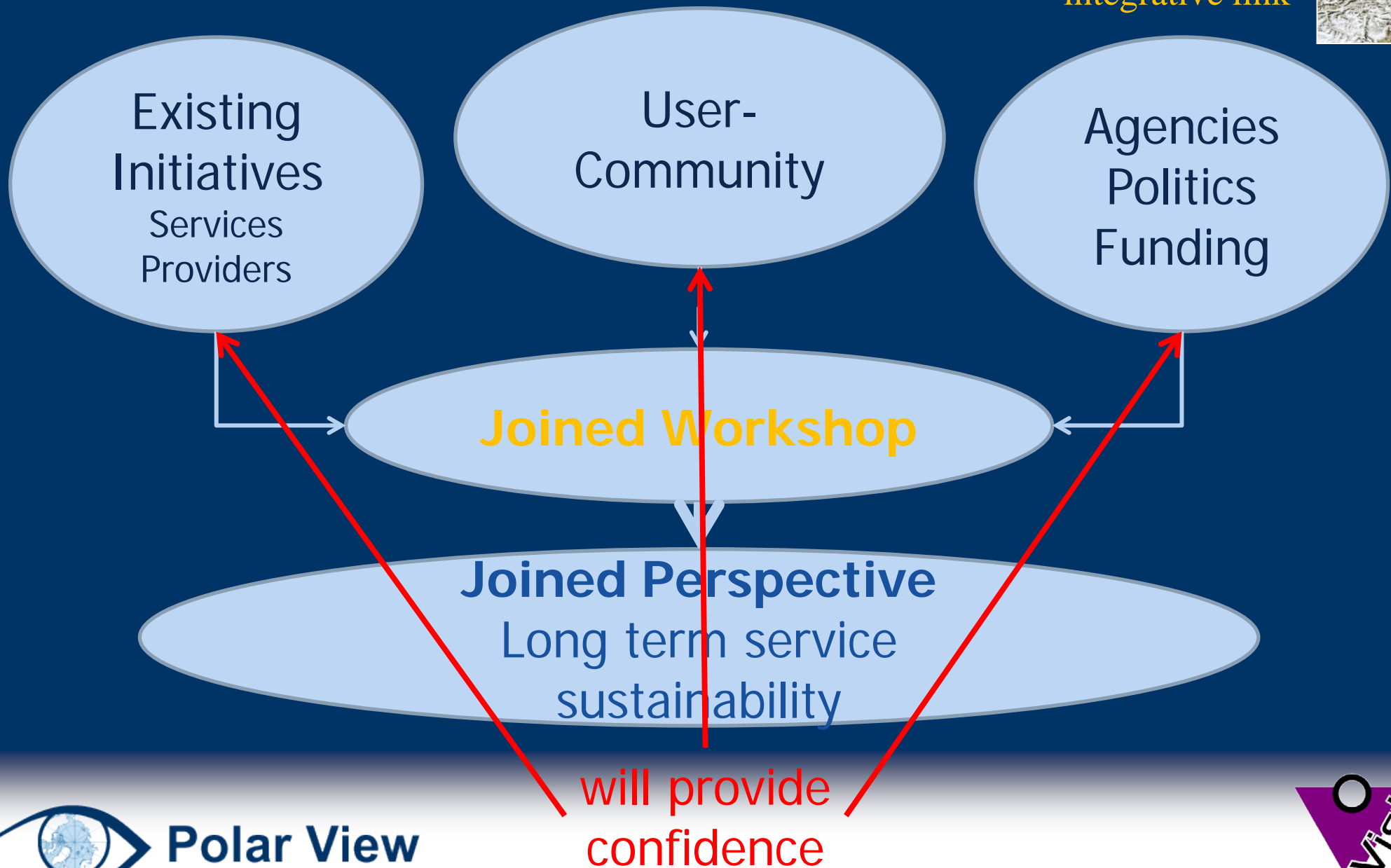


Lack of clear concept for the future
= confusing for users and decision makers

"European EO Snow Monitoring User & Stakeholder Conference"



joined workshop as
integrative link



Workshop goals

- Review the current state of development of European snow monitoring capabilities,
- Identify gaps and opportunities in meeting the users' needs and securing sustainable funding for the services,
- Identify priorities for developments over the next 5-10 years which build on European expertise and satellite infrastructure to achieve sustainable information services which maximize benefits to users.
- Understand how these activities fit within GMES and the EC priorities over the next decade.

Agenda

4 December 2012

- 12:30 Welcome and Introduction
- 12:45 Programmatics: European long-term evolution of snow services
- 13:45 Science: Outlook: Summary of ESAs "EO and Cryosphere Science Conference
- 14:45 Projects: Status and perspectives of snow monitoring initiatives
- 16:45 Discussion



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Agenda

5 December 2012

- 09:00 Summary of Day 1 and Introduction
- 09:15 Users: Expectations and perspectives
- 12:00 Identifications of recommendations for the snow white paper on Snow Monitoring Services
- 14:00 End of the workshop



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Snow white paper

Objective: Capturing recommendations (if any) to be considered in the evolution of the European snow monitoring services

- Identifying gaps and opportunities
- Future of projects and initiatives
- Future of satellite/in situ infrastructures
- R&D priorities
- International context (GMES, WMO, EC,...)



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FINNISH METEOROLOGICAL INSTITUTE



Polar View
Earth Observation for Polar Monitoring



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The EUMETSAT
Network of
Satellite Application
Facilities



H SAF

Support to Operational
Hydrology and Water
Management



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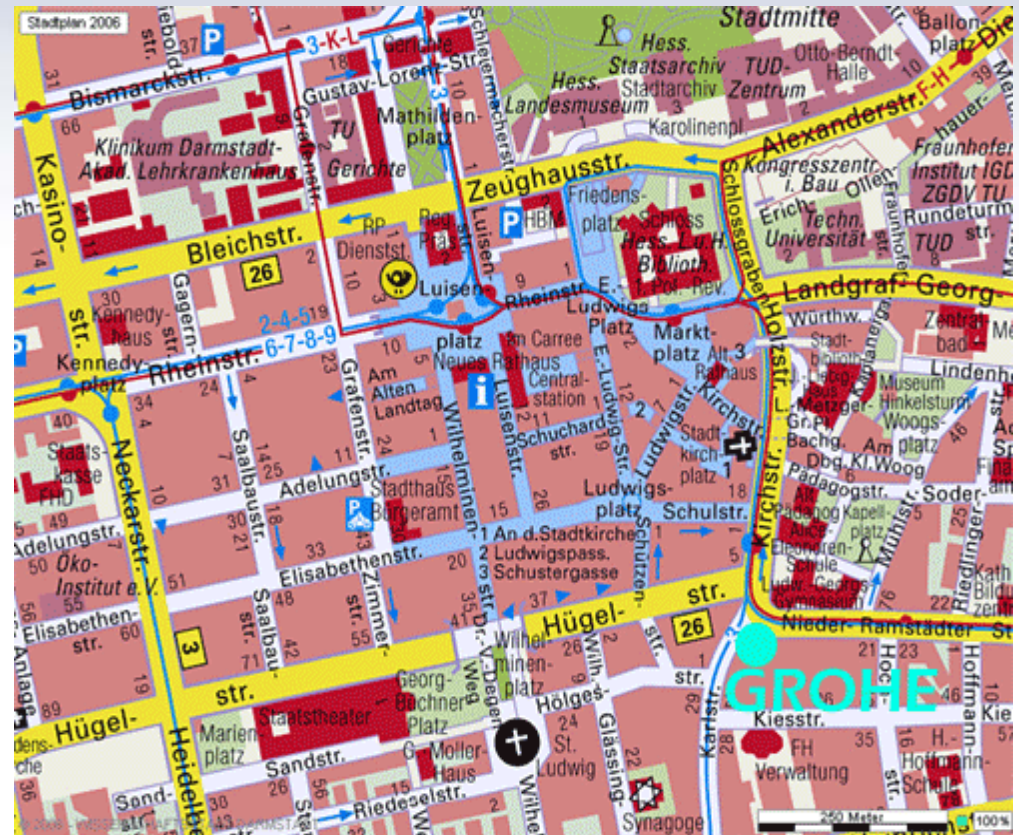
Evening:

Dinner at Grohe Brewery

4 December 2012

18:30

Nieder-Ramstädter-Str. 3



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