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FIG Working Week 2016

CHRISTCHURCH, NEW ZEALAND 2-6 MAY 2016

Recovery

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The **IMPULS** Project

**Is a Project About Cooperation,
Coordination, Transparency and Data
Sharing**

A SDI project in the Western Balkan region

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the Swedish Mapping, Cadastral and Land registration Authority

IMPULS Project

A SDI project in the Western Balkan region



IMPULS project - basic facts

Financing:

- Sida, Swedish International Development Cooperation Agency



Implementation:

- Lantmäteriet, Swedish mapping, cadastral and land registration authority (leading partner)
- State Geodetic Administration, Croatia (junior partner)



Duration: June 2014 – June 2018

Total amount: 38 900 000 SEK (app. 4,2 mil EUR)

Beneficiary:

- 8 institutions in charge of providing basic spatial data and SDI from 6 countries in the Western Balkan Region, (generally responsible as coordinators as well as primary data producers/providers).



Beneficiaries

- Immovable Property Central Registration Office of the Republic of Albania (IPRO)
- National Authority for Geospatial Information in Albania (ASIG)
- Federal Administration for Geodetic and Real Property Affairs of FBiH (FGA)
- Republic Authority for Geodetic and Property Affairs of the Republic of Srpska (GARS)
- Kosovo Cadastral Agency (KCA)
- Agency for the Real Estate Cadastre of the Republic of Macedonia (AREC)
- Real Estate Administration of Montenegro (REA)
- Republic Geodetic Authority of the Republic of Serbia (RGA)



Western Balkan – Region of similarities and differences

- Differences:
 - national, historical, political
 - legislative framework
 - different registration systems (integrated and dual)
 - responsibilities and status inside administration
 - relations with private sector
- Similarities (I):
 - change of economic and social system
 - heavy transition and devastation, new states
 - booming real-estate market
 - growing political stability, EU processes and reform activities in LA

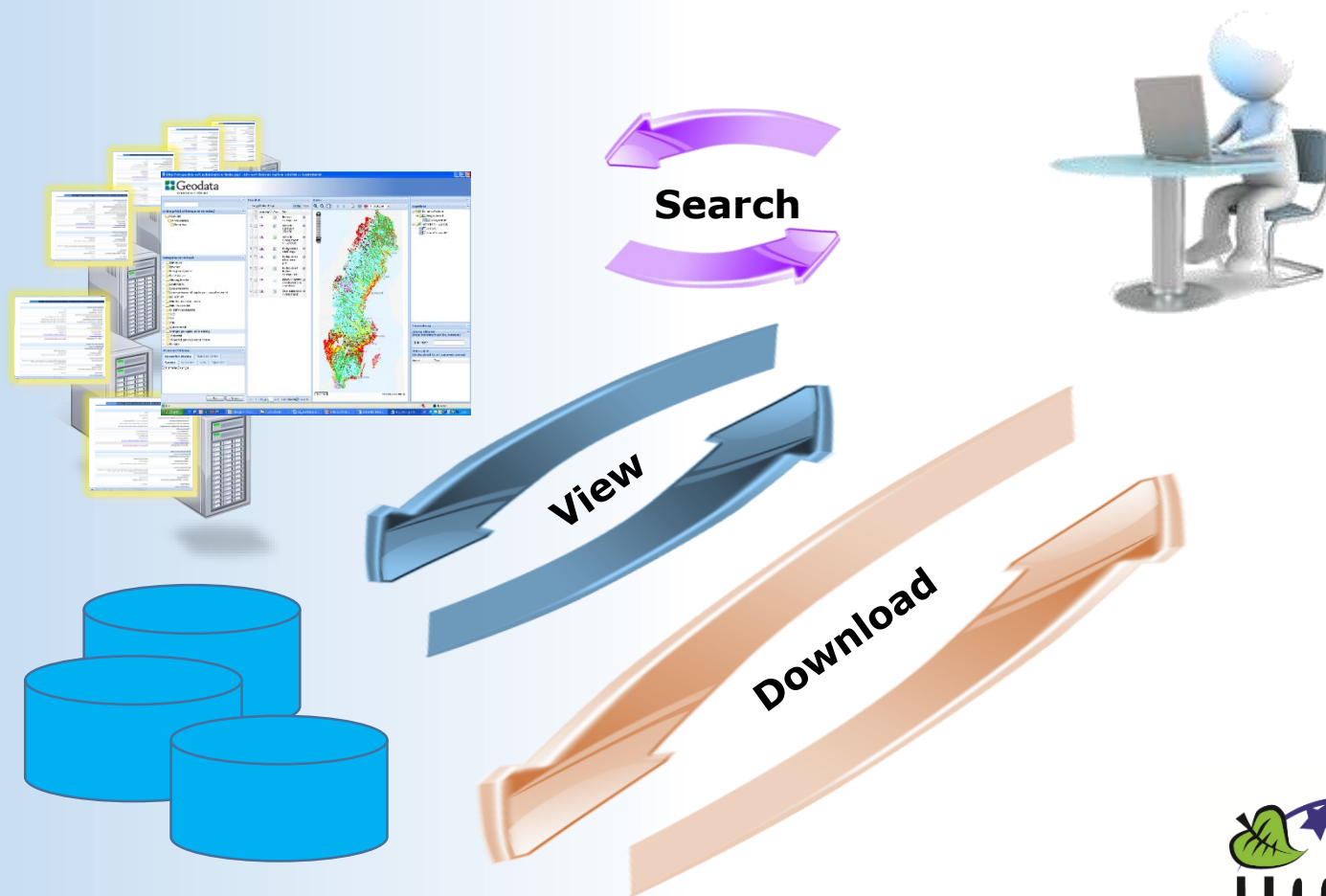
Western Balkans – Region of similarities and differences

- Similarities (II):
 - LA registers more or less neglected in the past
 - focus on reorganization of institutions, human and ICT capacity building, digitalization, projects of resurveying
 - implementation of well proven international concepts and solutions
 - usage of additional funding sources beside the state budget (donations, WB, EU)
 - fast, slightly shifted, development
 - high expectation from the government and citizens
 - lack of staff and capacities
 - insufficient knowledge in some areas
 - organisational problems

Western Balkans – regional activities

- Cooperation among NMCA's reestablished 10 years ago and growing
- Phase 1: bilateral agreements on cooperation and exchange of data and service
 - Annual meetings
 - Exchange of border cartographic material
 - GNSS permanent networks data exchange
- Phase 2: regional conferences and studies
- Phase 3: regional projects

SDI (Spatial Data Infrastructure) ...

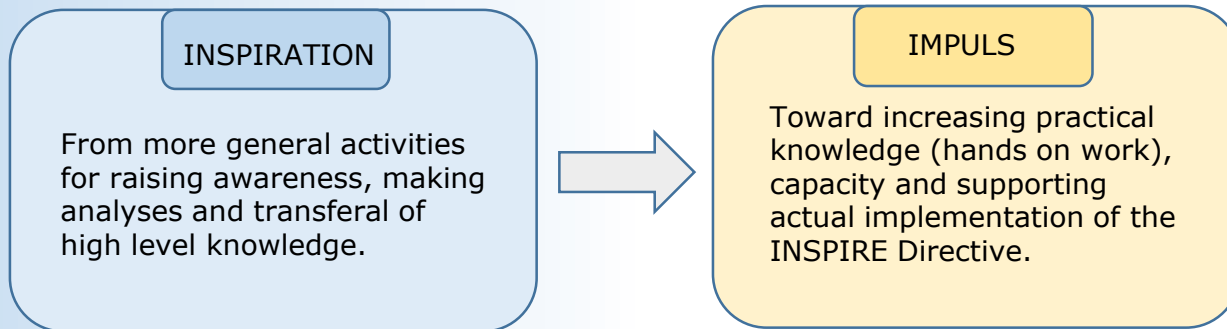


INSPIRATION (EU IPA funds)



IMPULS (Swedish funds)

- Aim of IMPULS - to continue the cooperation that was developed during the INSPIRATION project and increase it both to be
 - wider (involving more stakeholders and more issues)
 - deeper (hands on workshops, joint development, sharing experiences etc.).



Expected Project Impact - long term ultimate result

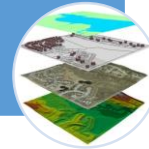
- INSPIRE Directive is implemented in the region, enabling the beneficiary countries to meet the EU-requirements in this area

INSPIRE



- Interoperable content and services are delivered efficiently, supporting the development of e-government in each country - in accordance with the PSI Directive

Interoperability

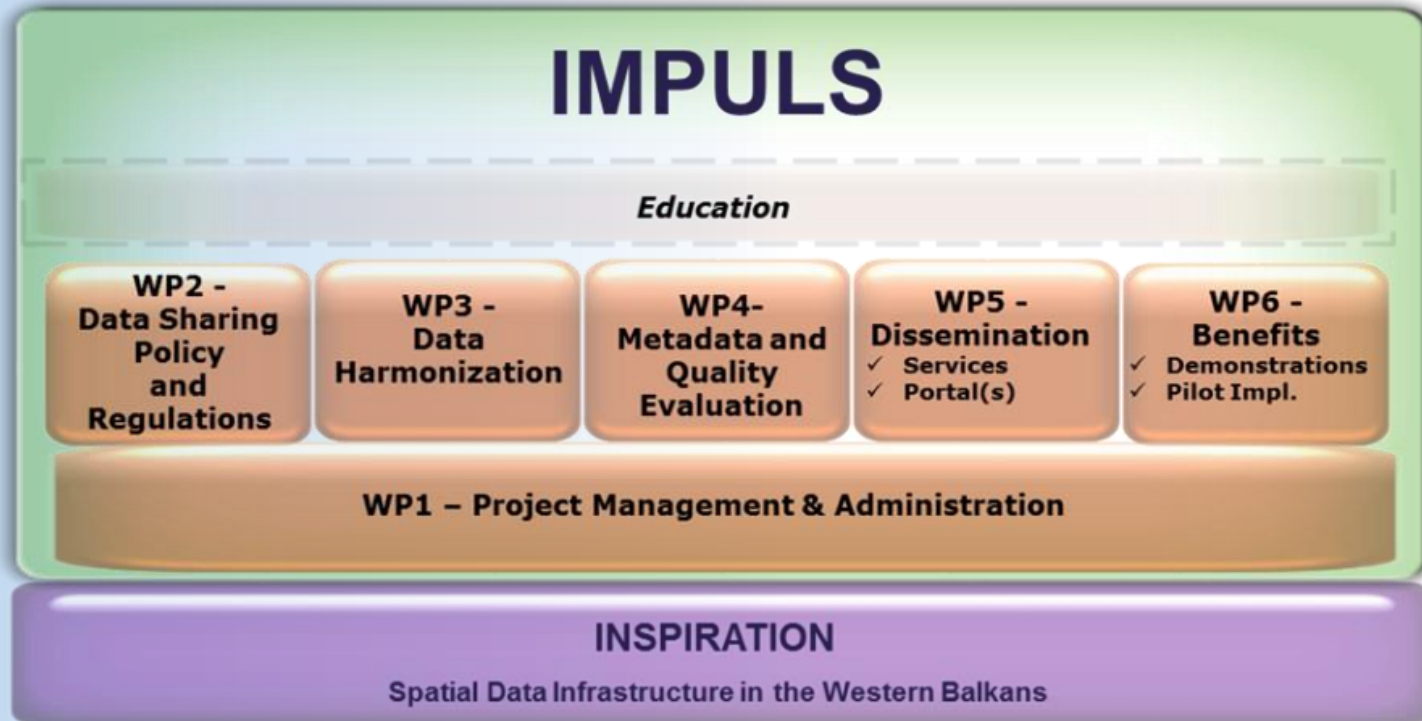


- Contribution to the economic development, transparency of ownership and anticorruption processes, in accordance with SEE 2020

Transparency & Economic development



Project Work Packages - WP



Approach and methodology



■ 90 %
work
done at
the
respecti
ve BO

Additional limited activity:
Other support from the
project (consultancy services
for specific tasks) can be
more individual towards BO

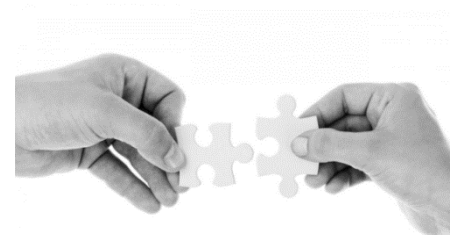
Seminars – information
activities, presentations,
discussions =>
increasing knowledge,
preparing for tasks to
be implemented, setting
a base for next step

Workshop – actual
work, learning by doing,
hands on work =>
giving tangible results,
e.g. specification,
technical framework,
draft law, first meta
data profile etc.

On-line trainings

IMPULS is about Cooperation

- IMPULS will provide the basis for:
 - how technical interoperability can be achieved
 - how authorities should disseminate spatial data in an electronic format via services and
 - how they should share geodata with other public authorities and also other countries.
- An overall goal for IMPULS is HUMOR (Harmonized Unified Metadata Overall of the Region).
- The Nordic countries cooperation - an input model for this project.



IMPULS Corner stones

Cooperation

Coordination

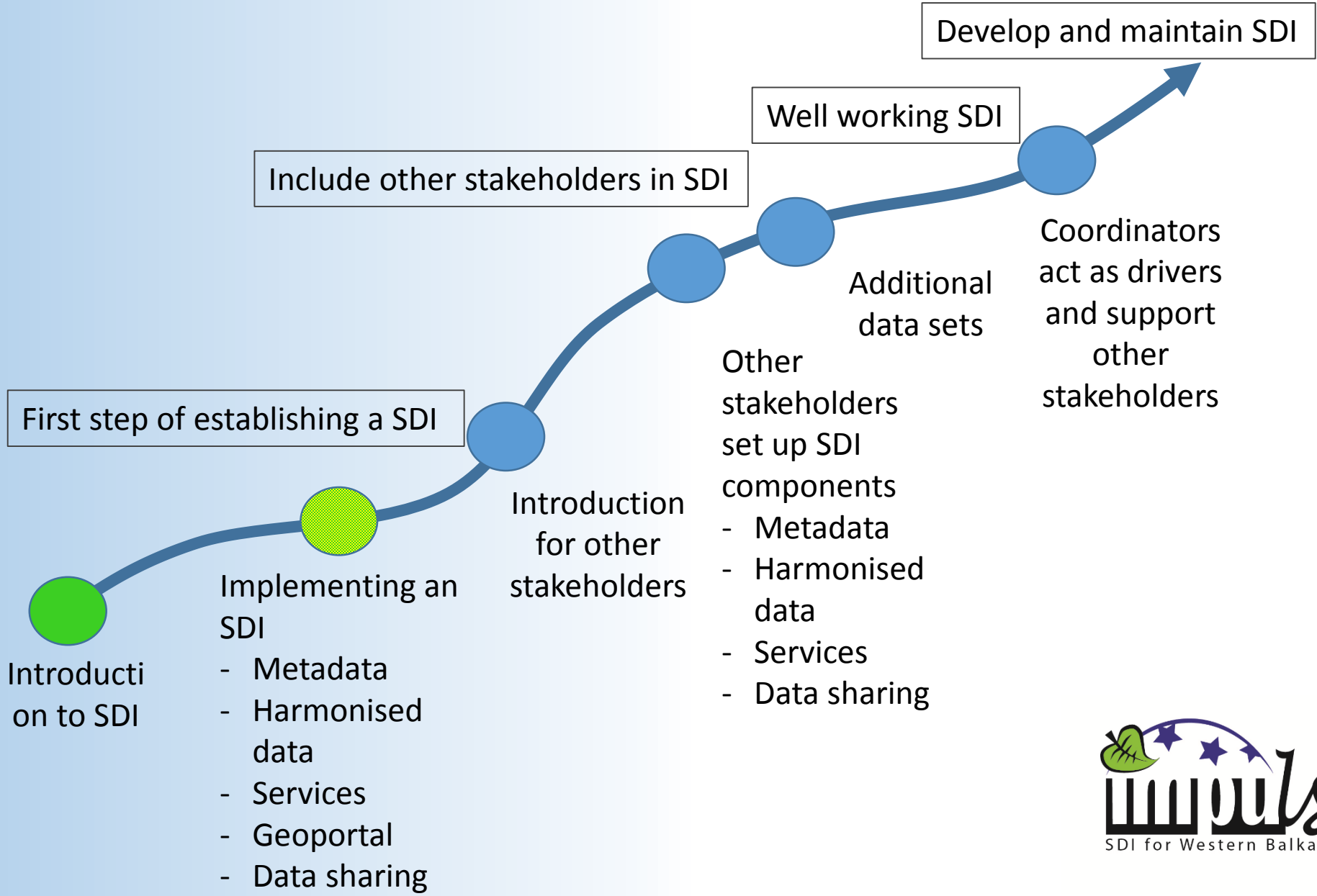


Transparency

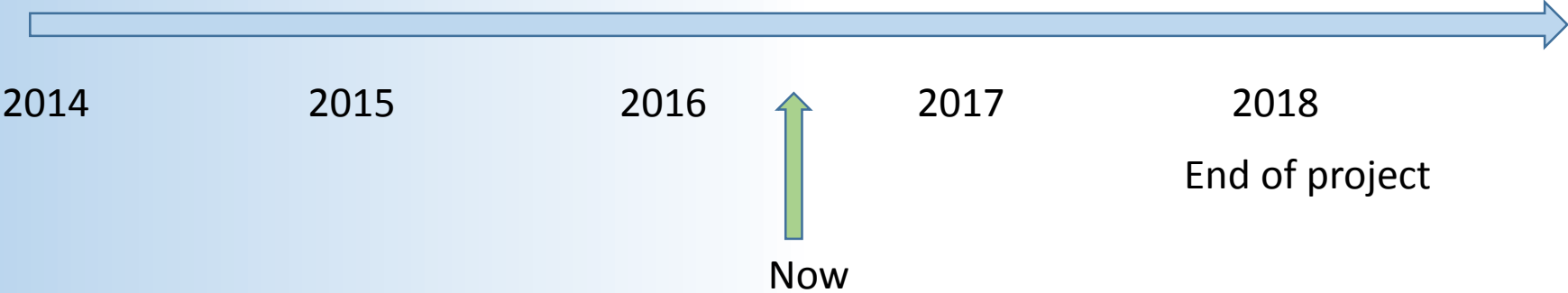
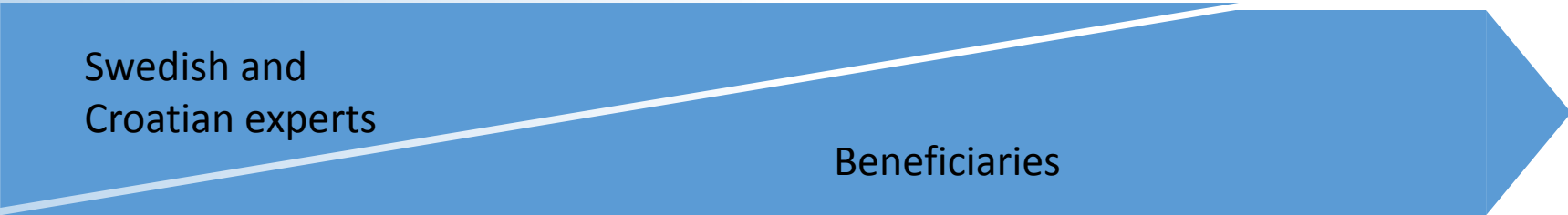
Sharing

A key success factor for the project is cooperation at different levels – sharing data and working together to increase the benefits of this data, as well as working together to collect a potentially higher quality of data.

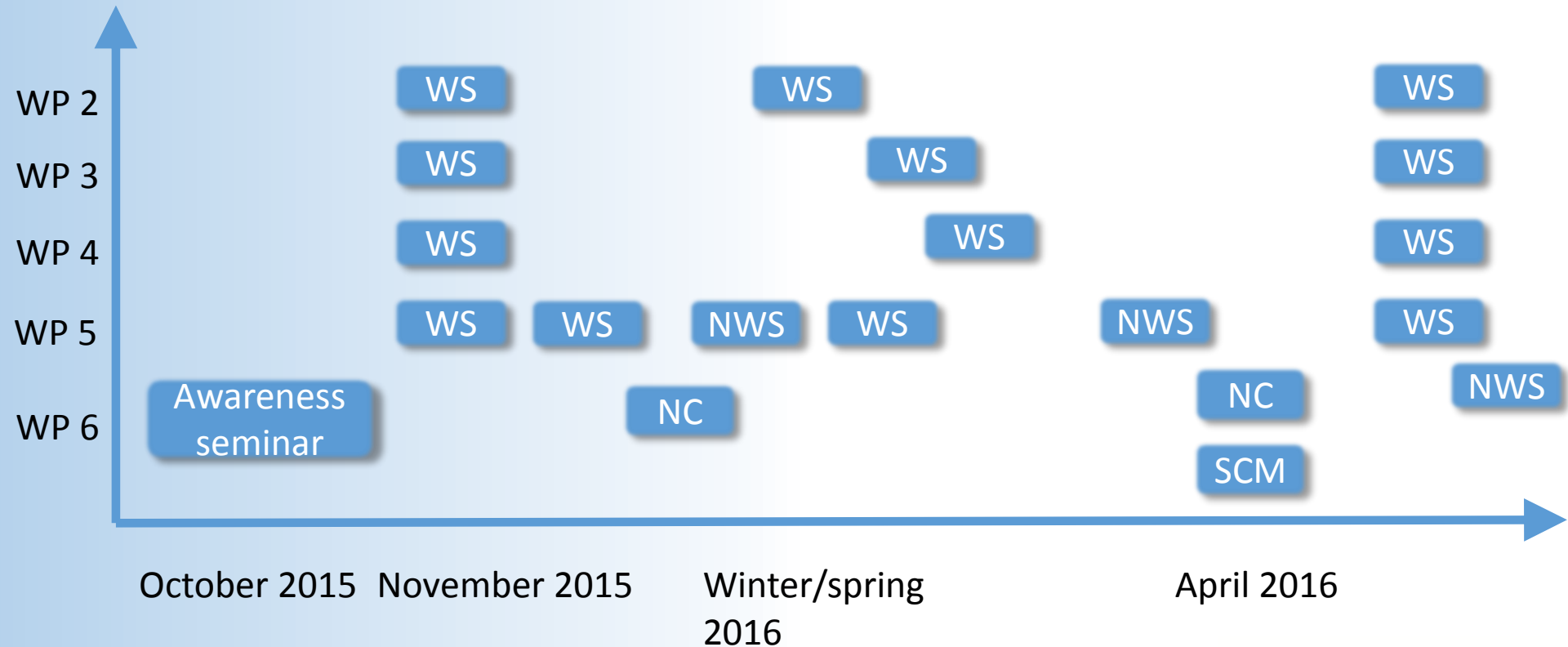
Future development



SDI work plan - IMPULS and after the project



Schedule October 2015 – May 2016



Thank you!

Find more about IMPULS:

- www.lantmateriet.se/IMPULS

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