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# TELEIOS 3rd User Community Workshop

Goals, Agenda and Methodology

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# Involving the TELEIOS User Community

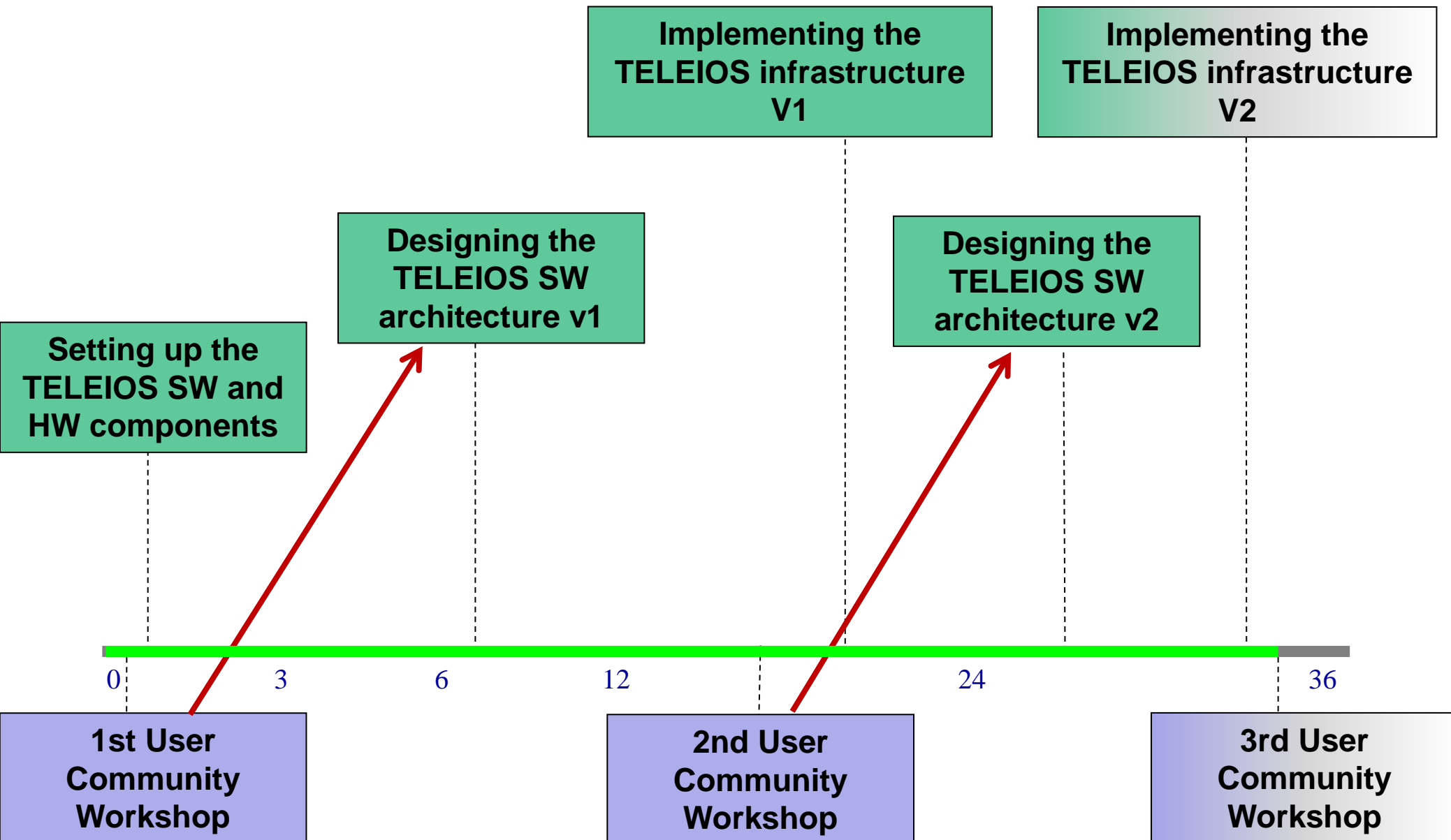


- Capturing the requirements of the TELEIOS user community
- Continuous testing and evaluation of TELEIOS infrastructure by the community
- Keep the interested stakeholders informed about the evolution of the project and provide a platform to contribute

- 3 User Community Workshops (2010, 2012, 2013)
- Project Newsletter + Video
- Various dissemination activities (publications, presentations, ...)



# Feedback into TELEIOS development



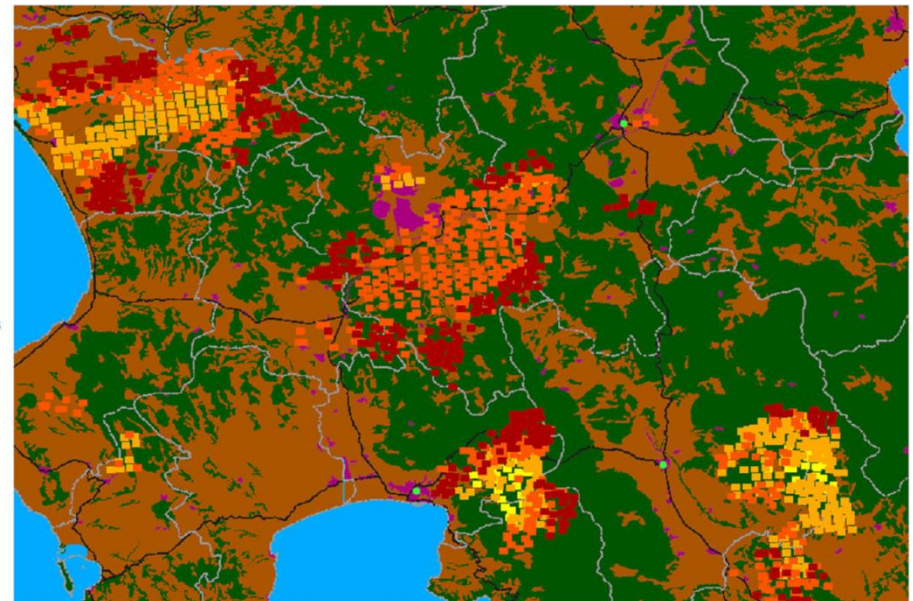
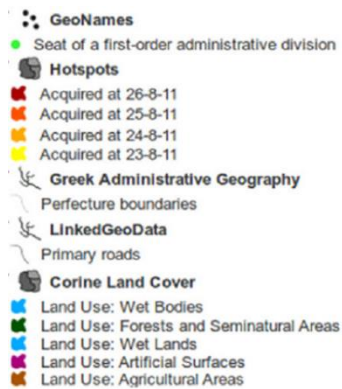
## *"Rethinking the accessibility of EO data"*

- Addressed to experts from the international EO community
- Of specific interest for EO data providers or operators of large archives and the multimedia search engine R&D community
- We will present the final results of the project
- Hands on sessions with focused discussions on the two applications studied by TELEIOS
- Presentations and tutorials on the core TELEIOS technologies

# Goals of this Workshop

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- To demonstrate and to discuss the effectiveness and applicability of innovative methods for improving the access to EO data
- To receive your feedback on the usefulness and usability of the TELEIOS developments for the applications
- To provide you with the opportunity to exploit the potential benefits of TELEIOS for your own application



We request your feedback through:

- Discussions during the demonstrations and hands-on sessions
- Feedback questionnaire:
  - generic questions in user background
  - specific questions for each individual session

**TELEIOS 2<sup>ND</sup> USER COMMUNITY WORKSHOP QUESTIONNAIRE**

Name: \_\_\_\_\_  
Affiliation: \_\_\_\_\_

**A. General User Background**

*For each of the following items, please select at least one option. If possible, please try to also provide more specific information in the text fields.*

1. Which types of user suit your current occupation in context of earth observation (EO) software best?
  - casual user
  - scientific user – EO expert
  - scientific user - not an EO expert
  - other end user: \_\_\_\_\_
  - developer, focusing on \_\_\_\_\_
  - administrator / system operator
  - other: \_\_\_\_\_
2. Which is your application domain?
  - land cover / land use monitoring
  - land use planning
  - sea monitoring
  - monitoring and managing disasters
  - security
  - other mapping: \_\_\_\_\_
  - specific scientific research: \_\_\_\_\_
  - other: \_\_\_\_\_
3. For which purposes do you use earth observation related software systems?
  - retrieval or sharing of raw or intermediate EO sensor data
  - retrieval or sharing of processed EO products
  - custom user defined processing / analysis of data aided by EO software
  - other: \_\_\_\_\_
  - I never use EO software
4. How often do you personally use earth observation related software?
  - usage of EO software is involved in my daily work
  - several times a month
  - several times a year
  - very occasional use only
  - I never use EO software

# Workshop Agenda

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The Workshop is structured in 4 parts:

- Introduction
- Working Sessions:
  - Demos and Hands-on sessions with discussions on the two applications studied by TELEIOS
  - Presentations and Demos on the components MonetDB, Strabon and Query Builder
- Platform for participants to express their own requirements, problems and challenges and exploit the potential benefit of TELEIOS technologies

Today

Thursday

Friday morning

Friday afternoon

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# 9:00 -12:30: Real-time fire monitoring and burn scar mapping

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## 9:00- 10:30: Presentations

- Introduction to the Use Case
- Overview on the technical infrastructure
- Demonstration of the real time system

## Coffee Break

## 11:-12:30: Hands-on session in a lab situation

- You can work in parallel with the online system following a prepared script
  - Questions and feedback can be directly discussed
  - Written feedback is collected through questionnaires
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# 14:00 -18:00: Virtual Observatory for TerraSAR-X

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**14:00:** Introduction and demonstration of the different KDD components developed for TELEIOS

**15:00:** Round Table

- Discuss questions and needs for clarification
  - What are your evaluation criteria for the component?
  - Which of the data is of main interest for you?
- Split into smaller groups to have hands-on experience with the component on content-based imagery annotation

Coffee Break

**16:00- 18:00:** Hands-on sessions with round tables after each session:

- Content-based imagery annotation based on prepared exercises
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Time	Title	Presenter
<b>Day 1, 17:00-19:00</b>		
<b>17:00-19:00</b>	<b>BLOCK 1: Introduction</b>	
<b>17:00-17:30</b>	Welcome and Introduction to TELEIOS project	NKUA
<b>17:30-18:00</b>	Introduce the goals, agenda and methodology of the workshop	Fraunhofer
<b>(5' per participant)</b>	Introduction of invited participants and first feedback on project and participant's expectations towards the project/workshop	All
<b>20:30</b>	<b>DINNER</b>	
<b>Day 2, 9:00-18:00</b>		
<b>9:00-12:30</b>	<b>BLOCK 2: Testing of and Feedback on the TELEIOS infrastructure I (Working sessions)</b>	
<b>9:00-10:30</b>	Real-time fire monitoring and Burn Scar Mapping	NOA / ACS
<b>10:30-11:00</b>	<b>COFFEE BREAK</b>	
<b>11:00-12:30</b>	Hands on evaluation of the online system for the real-time fire monitoring	NOA / ACS
<b>12:30-14:00</b>	<b>LUNCH</b>	
<b>14:00-18:00</b>	<b>BLOCK 3: Testing of and Feedback on the TELEIOS infrastructure II (Working sessions)</b>	
<b>14:00-15:30</b>	A Virtual Observatory for TerraSAR-X	DLR
<b>15:30-16:00</b>	<b>COFFEE BREAK</b>	
<b>16:00-18:00</b>	Hands on evaluation of the online system for the A Virtual Observatory for TerraSAR-X	DLR
<b>20:30</b>	<b>DINNER</b>	
<b>Day 3, 9:00-17:00</b>		
<b>9:00-12:30</b>	<b>BLOCK 4: Testing of and Feedback on the TELEIOS infrastructure III (Working Sessions)</b>	
<b>Session 1</b>	MonetDB: Query processing at light-speed for TELEIOS	CWI
<b>Session 2 1</b>	Strabon: Semantic support for EO Data Access in TELEIOS	NKUA
<b>11:00-11:30</b>	<b>COFFEE BREAK</b>	
<b>Session 3</b>	The TELEIOS Query Builder	Fraunhofer
<b>12:30-14:00</b>	<b>LUNCH</b>	
<b>14:00-17:00</b>	<b>BLOCK 5: Applying TELEIOS technologies to invited participants' applications</b>	
<b>14:00-15:00</b>	Presentations by invited participants on the requirements and challenges of their applications	All
<b>15:00-16:30</b>	Applying TELEIOS technologies to meet the requirements presented before	All
<b>16:30-17:00*</b>	Workshop Wrap-up	Manolis Koubarakis



How the customer explained it



How the Project Leader understood it



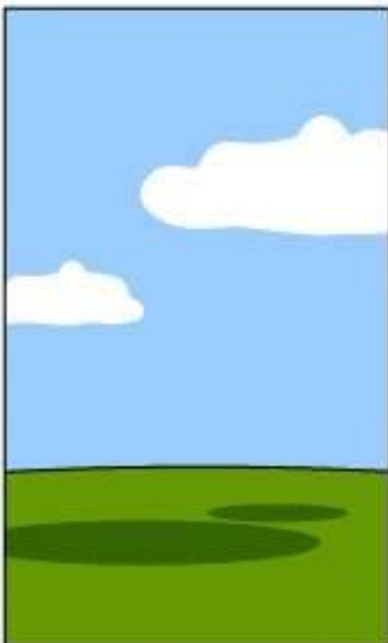
How the Analyst designed it



How the Programmer wrote it



How the Business Consultant described it



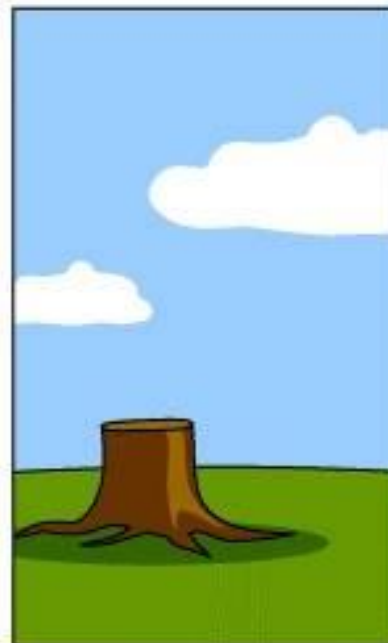
How the project was documented



What operations installed



How the customer was billed



How it was supported



What the customer really needed

- Please describe your daily work with EO data. Which user role describes your work with EO data best (scientific user, end user, software developer for EO software...)
- Expectations towards the Project / Workshop
  
- Friday afternoon between 14:00-16:30, there will be a platform for presenting your requirements, ideas and problems
- Please give us a note if you would like to have some time allocated for a presentation or discussion