



# USER GROUP ACTIVITIES YEAR 1

---

Deliverable D8.4.1

Circulation:	PU: Public
Lead partner:	FOMI
Contributing partners:	All consortium partners
Authors:	Márta Belényesi, Attila Képes, Iván Kovács, Dániel Kristóf, Róbert Lehoczki, Gábor Mikus, Angéla Olasz, Tamás Palya, Ottó Tancsik, Tamás Vass (FOMI)
Quality controller:	Ewald Quak
Version:	1.0
Date:	31.10.2013

**©Copyright 2013: The IQmulus Consortium**

Consisting of

SINTEF	STIFTELSEN SINTEF, Department of Applied Mathematics, Oslo, Norway
Fraunhofer	Fraunhofer Institute for Computer Graphics Research (IGD), Darmstadt, Germany
CNR-IMATI-GE	Institute for Applied Mathematics and Information Technologies of the National Research Council (CNR-IMATI), Genova, Italy
MOSS	M.O.S.S. Computer GrafikSysteme GmbH (MOSS), Munich, Germany
HRW	HR Wallingford Ltd (HRW), Wallingford, UK
FOMI	Hungarian National Mapping and Cadastral Agency (FOMI), Institute of Geodesy, Cartography and Remote Sensing, Budapest, Hungary
UCL	University College London (UCL), Research centre for Photogrammetry, 3D Imaging and Metrology, London, UK
TU Delft	Delft University of Technology (TU Delft), Department of Earth and Climate Sciences & Man-Machine Interaction Group, Delft, The Netherlands
IGN	Institut National de l'Information Géographique et Forestière (IGN), Paris, France
UBO	Université de Bretagne Occidentale (UBO), European Institute for Marine Studies, Brest, France
Ifremer	L'Institut Français de Recherche pour l'Exploitation de la Mer (Ifremer), Brest, France
Liguria	Regione Liguria, Genova, Italy

This document may not be copied, reproduced, or modified in whole or in part for any purpose without written permission from the IQmulus Consortium. In addition to such written permission to copy, reproduce, or modify this document in whole or part, an acknowledgement of the authors of the document and all applicable portions of the copyright notice must be clearly referenced.

All rights reserved.

This document may change without notice.

**DOCUMENT HISTORY**

Version <sup>1</sup>	Issue Date	Stage	Content and Changes
1.0	31.10.2013		First release submitted to the Project Officer

<sup>1</sup>Integers correspond to submitted versions

## **EXECUTIVE SUMMARY**

---

This deliverable is the documentation of first-year User Group activities arising from Task 8.2 “The IQmulus User Group” up to project month 12. The report will be updated annually.

Based on the previously delivered document on Initial User Requirements (D1.2.1), the first part of the present document summarises the most relevant and updated information concerning users currently involved in the project. All the areas where IQmulus aims at generating significant progress for users have been covered by Use Cases and Functional Requirements that were derived in D1.2.1.

Furthermore, the workshops and interviews that have been carried out during the previous phase were the first steps for the creation of the IQmulus User Group. This User Group is the organizational unit to involve stakeholders and inform them about on-going activities, progress and results of IQmulus, and which issues calls for participation in specification, testing, assessment and validation exercises.

The second part of the document introduces all information on User Group activities, including events documented thematically in eRoom, the content of the IQmulus website, and other forms of dissemination and provision of information.

The last section derives some conclusions and gives an overview of the tasks to be carried out in the next project phase.

## TABLE OF CONTENTS

---

Executive summary.....	3
1 Introduction.....	5
2 Methodology.....	5
2.1 Information on Users .....	5
2.2 Information on User related activities.....	6
3 Results.....	6
3.1 Statistics concerning Users.....	6
3.2 Information about User related activities - eRoom .....	12
4 Online communication channels.....	14
4.1 Project Website.....	14
4.1.1 Background .....	14
4.1.2 Current structure .....	14
4.1.3 Content and strategy for user-centric evolution.....	15
4.2 Other forums.....	16
5 Conclusions .....	17

---

## 1 INTRODUCTION

---

IQmulus has manifold connections to users through different organisational structures: especially in Work Packages 1 (Requirements), WP7 (Assessment and Evaluation), but also WP8 (Dissemination and Outreach) and WP9 (Exploitation and Business Models).

While the actual user interviews, questionnaires, assessment and validation activities are carried out in WP1 and WP7, respectively, the User Group is the organizational unit to involve the stakeholders and inform them about the ongoing activities and results, and that issues calls for participation in specification, testing, assessment and validation exercises.

Thus, the User Group is an ensemble of individuals and institutions that already have information on the project and who are in active communication with the consortium partners.

Besides this, WP8 is also responsible for raising awareness to broaden the user community, with the first step being to establish initial contact with users that can later be directly involved and thus can join our User Group.

This document gives an overview of the User Group established thus far in terms of statistics on user involvement.

---

## 2 METHODOLOGY

---

---

### 2.1 INFORMATION ON USERS

---

The online documented Use Cases, User Stories and User Relations collected in the previous phase of WP1, as well as deliverable D1.2.1 *Initial User Requirements* serve as the basis for deriving and refreshing information on internal and external users involved – and user relations currently present – in the IQmulus project.

Some IQmulus partners have undertaken user story shaping activities as part of their participation in the project, namely: FOMI, CNR-IMATI-GE, Liguria, UBO, Ifremer, and IGN. They are the internal user story providers.

All the external (non-consortium) contributors, i.e., scientific or governmental institutions and authorities, private companies, etc., which currently take part in the IQmulus project as data or user story providers, are listed in the “User Relation” database in eRoom. Most of these stakeholders represent different levels of user roles from GIS expert to decision-maker. The contact person’s name and the institution’s homepage are included in the database. The number of contacted persons per institution is also presented. We will present updated statistics from this database with respect to the following:

- Number of contacted institutions by consortium partners
- Number of contacted persons by consortium partners

The other database we refer to related to the users is the “User Story” database, which serves to collect User Stories of external users, resulting from workshops and interviews. The User Stories had to be uploaded in a pre-defined, structured form to the eRoom. We will present updated statistics from this database with respect to the following:

- Source (Institution who has been contacted by the IQmulus partner)
- Expertise (Competence/function of the user (person) responsible for the user story)

- Scale of work (From local level to European level)
- Sector of activity (Sector of the institution the user story is originating from).

## 2.2 INFORMATION ON USER RELATED ACTIVITIES

Concerning the user related activities we refer to information presented so far in eRoom in the online databases, and besides this we also introduce our notes and suggestions concerning certain future activities within WP8 related to informing the User Group about the IQmulus activities and results. This latter topic of the document primarily brings into focus the two issues:

- Set up and maintain the project website, which was established for open dissemination of project developments and results to the scientific community and general public;
- Re-think the possibilities of informing exclusively the User Group about the activities and results through the website and other channels of dissemination.

The databases in the eRoom including details on user related activities are continuously updated and are listed here:

User Workshops	<a href="https://project.sintef.no/eRoom/math/IQmulus/0_2ef9d">https://project.sintef.no/eRoom/math/IQmulus/0_2ef9d</a>
Workshop material	<a href="https://project.sintef.no/eRoom/math/IQmulus/0_2f356">https://project.sintef.no/eRoom/math/IQmulus/0_2f356</a>
IQmulus publications	<a href="https://project.sintef.no/eRoom/math/IQmulus/0_2da16">https://project.sintef.no/eRoom/math/IQmulus/0_2da16</a>
IQmulus dissemination activities	<a href="https://project.sintef.no/eRoom/math/IQmulus/0_2da08">https://project.sintef.no/eRoom/math/IQmulus/0_2da08</a>
Events with possible IQmulus presence	<a href="https://project.sintef.no/eRoom/math/IQmulus/0_30160">https://project.sintef.no/eRoom/math/IQmulus/0_30160</a>
Notification of dissemination	<a href="https://project.sintef.no/eRoom/math/IQmulus/0_2e4f2">https://project.sintef.no/eRoom/math/IQmulus/0_2e4f2</a>
Other Dissemination Channels	<a href="https://project.sintef.no/eRoom/math/IQmulus/0_2cb4d">https://project.sintef.no/eRoom/math/IQmulus/0_2cb4d</a>

*Table 1. Databases including details on user related activities*

We will provide short and informative summaries of the folders' contents.

## 3 RESULTS

### 3.1 STATISTICS CONCERNING USERS

The number of institutions contacted by different IQmulus partners is 38 altogether. The total number of involved (representative) persons from the contacted institutions is 99 (see Table 2), which is split among consortium partners as follows:

- FOMI: 17 persons,
- IGN: 7 persons and more planned,
- UBO/IFREMER: 29 persons,
- CNR-IMATI-GE: 44 persons,
- SINTEF: 2 persons.

Out of the contacted institutions listed in Table 2, User Stories have been provided by 25 of them. Tabulated information about the sector of activity, expertise, and the scale of work by user story providers is provided in Table 3-5.

Country	IQmulus partner	Number of contacted institutions	Name of institution	Number of involved persons
Hungary	FÖMI	6	National Directorate General for Disaster Management (BM OKF)	3
			Water management authorities (OVF, ÉMVIZIG, ÉDUVIZIG)	4
			Agricultural research institute (AKI)	2
			Hungarian Nonprofit Ltd. for Regional Development and Town Planning (VÁTI)	4
			Hungarian Geodetic and Mapping Company Ltd. (GeodéziaZrt)	1
			KárolyRóbert College	3
France	IGN	4	Bordeaux Urban Community Department of Geospatial information	7
			City of Geneva (Switzerland)	(planned)
			City of Nice GIS and risk management authorities	(planned)
			RFF - French company in charge of Railroad Network management	(planned)
	UBO, Ifremer	8	Research Institutes (InstitutUniversitaireEuropéen de la Mer, Ifremer)	10
			Saint Malo town hall with its department in charge of the Risk Prevention Plan for marine submersion	2
			DREAL (The Regional Directorate of Environment) of Brittany	3
			ACTIMAR (Private Company - Operational Oceanography)	2
			SHOM (Hydrographic and Oceanographic Service of the Navy)	5
			CETMEF (Center of Maritime and River Engineering)	3
			PNMI (Marine Natural Park of Iroise )	1
			CEDRE (Centre of Documentation, Research and Experimentation on Accidental Water Pollution)	3
			Autonomous Region Valle d'Aosta	2
			Dept of Civil, Chemical and Environmental Engineering - University of Genova (UNIGE -DICCA)	3
			GTER - Spin off	1
			ETT srl	1
Italy	CNR-IMATI-GE	19	CNR - ISTI	1
			GISIG	3
			Dipartimento di Scienze dell'Architettura - DSA Geomorfolab - Dept. of Architecture - University of Genova	3
			INGV	3
			Enea	1
			Municipality of Genova - Civil Protection	5
			INPE (Brasile)	1
			Liguria District of Marine technologies	1
			National Group of Operative Oceanography	2
			Province of Savona	2
			Province of Genova	2
			Regione Toscana	2
			ISMAR-CNR	4
			ISAC-CNR (TO)	1
			CIMA -Int. Center on Environmental Monitoring	4
			The Norwegian Mapping Authority (Kartverket)	2
Norway	SINTEF	1		
<b>Total</b>		<b>38</b>		<b>99</b>
Source in eRoom: <a href="https://project.sintef.no/eRoom/math/IQmulus/0_2f3e0">https://project.sintef.no/eRoom/math/IQmulus/0_2f3e0</a>				

Table 2. Number of institutions and persons contacted by IQmulus partners.

		Expertise								
		Decision maker	Governmental executive	Scientific researcher	Remote sensing expert	GIS expert	System operator	Field expert	Administrator	Other
UBO										
	CEDRE	x			x	x	x	x	x	
	CETE / Director of Landslides Observatory	x		x		x				
	CETMEF					x	x		x	
	Director of Shoreline Observatory /Region Normandie & Picardie / SOERE Shoreline monitoring / DEAL	x		x		x				
	MULTIPLE USERS	x	x	x		x			x	
	SAINT-MALO town hall	x	x							
	SHOM					x	x	x	x	
Ifremer										
	ACTIMAR				x					x
	CEDRE	x			x	x		x		
	DREAL	x	x						x	
	IFREMER	x		x						
	PNMI	x	x							
CNR-IMATI-GE/ Liguria										
	Province of Genova, Province of Savona, Regione Toscana, Gtes, Univ. Of Genova – Geomorfolab, National Institute of Geophysics and Vulcanology	x		x	x	x		x	x	
	Municipality of Genova – Civil Protection	x	x			x			x	
	Regione Liguria	x	x			x			x	
	Regione Liguria – Genova Municipality	x						x	x	
	Regione Liguria – Civil Protection	x				x		x	x	
	Regione Liguria – ARPAL	x						x		
	Regione Liguria – Environment Dept.					X		x		
	Univ. Of Genova – Dept. Of Civil, Chemical and Environmental Engineering (DICCA)			x		x		x		
FOMI										
	Agricultural research institute (AKI)		x	x	x			x	x	x
	Water management authorities (OVF, ÉMVIZIG, ÉDUVIZIG)	x				x				
	NDG for Disaster Management (BM OKF)	x				x				
	Hungarian Nonprofit Ltd. For Regional Development and Town Planning (VÁTI)		x			x				
IGN										
	CU Bordeaux					x				
Source in eRoom: <a href="https://project.sintef.no/eRoom/math/IQmulus/0_2f478">https://project.sintef.no/eRoom/math/IQmulus/0_2f478</a>										

Table 3. Tabulation of user role (expertise) by user story providers



.		Sector of activity												
		Monitoring and managing disasters	Water management	Risk assessment/ management	Government/ municipality	Geodata provider/ integrator	Land use planning	Land cover/ land use monitoring	Costal monitoring	Security	Spatial planning	Specific scientific research	Other mapping	Other
UBO														
	CEDRE	x	x	x					x					
	CETE / Director of Landslides Observatory	x		x										
	CETMEF	x		x		x			x					
	Director of Shoreline Observatory /Region Normandie & Picardie / SOERE Shoreline monitoring / DEAL	x		x					x					
	MULTIPLE USERS			x	x									
	SAINT-MALO town hall	x		x	x	x			x	x	x			
	SHOM					x			x	x			x	
Ifremer														
	ACTIMAR					x			x					
	CEDRE	x	x	x					x	x				
	DREAL	x	x	x	x				x	x	x			
	IFREMER				x				x					
	PNMI			x	x				x		x		x	
CNR-IMATI-GE/ Liguria														
	Province of Genova, Province of Savona, Regione Toscana, Gtes, Univ. of Genova - Geomorfolab, National Institute of Geophysics and Vulcanology	x	x	x	x	x				x				
	Municipality of Genova - Civil Protection	x		x						x				
	Regione Liguria	x		x	x				x	x				
	Regione Liguria - Genova Municipality	x	x	x	x									
	Regione Liguria - Civil Protection	x		x	x					x				
	Regione Liguria - ARPAL	x	x	x						x				
	Regione Liguria - Environment Dept.					x		x	x					
	Univ. of Genova - Dept. of Civil, Chemical and Environmental Engineering (DICCA)	x					x	x		x				
Source in eRoom: <a href="https://project.sintef.no/eRoom/math/IQmulus/0_2f478">https://project.sintef.no/eRoom/math/IQmulus/0_2f478</a>														

		Sector of activity												
		Monitoring and managing disasters	Water management	Risk assessment/ management	Government/ municipality	Geodata provider/ integrator	Land use planning	Land cover/ land use monitoring	Costal monitoring	Security	Spatial planning	Specific scientific research	Other mapping	Other
FOMI														
	Agricultural research institute (AKI)			x								x		x
	Water management authorities (OVF, ÉMVIZIG, ÉDUVIZIG)		x	x										
	NDG for Disaster Management (BM OKF)	x												
	Hungarian Nonprofit Ltd. for Regional Development and Town Planning (VÁTI)										x			
IGN														
	CU Bordeaux					x								
Source in eRoom: <a href="https://project.sintef.no/eRoom/math/IQmulus/0_2f478">https://project.sintef.no/eRoom/math/IQmulus/0_2f478</a>														

Table 4. Tabulation of sector of activity by user story providers

		Sector of activity				
		City/Local level ( <1000 sqkm)	Regional level (1000- 10000 sqkm)	Country level	European level	Other
UBO						
	CEDRE	x	x	x		
	CETE / Director of Landslides Observatory	x				
	CETMEF					
	Director of Shoreline Observatory /Region Normandie & Picardie / SOERE Shoreline monitoring / DEAL	x	x	x		
	MULTIPLE USERS	x	x	x	x	
	SAINT-MALO town hall	x				
	SHOM	x	x	x	x	
Ifremer						
	ACTIMAR	x	x	x		
	CEDRE	x	x	x		
	DREAL		x			
	IFREMER	x	x	x		
	PNMI		x			
CNR-IMATI-GE						
	Province of Genova, Province of Savona, Regione Toscana, Gtes, Univ. of Genova - Geomorfolab, National Institute of Geophysics and Vulcanology	x	x	x		
	Municipality of Genova - Civil Protection	x				
	Regione Liguria	x	x			
	Regione Liguria - Genova Municipality	x	x			
	Regione Liguria - Civil Protection	x	x			
	Regione Liguria - ARPAL		x			
	Regione Liguria - Environment Dept.	x	x			
	Univ. of Genova - Regione Liguria, Dept. of Civil, Chemical and Environmental Engineering (DICCA)	x				
FOMI						
	Agricultural research institute (AKI)	x		x		
	Water management authorities (OVF, ÉMVIZIG, ÉDUVIZIG)		x			
	NDG for Disaster Management (BM OKF)	x				
	Hungarian Nonprofit Ltd. for Regional Development and Town Planning (VÁTI)			x		
IGN						
	CU Bordeaux	x				

Table 5. Tabulation of the scale of activity by user story providers

### 3.2 INFORMATION ABOUT USER RELATED ACTIVITIES - EROOM

Information on all the interviews and workshops organized by the partners has been collected in the “User Workshop” database. The database – besides the basic information about the workshop such as the organising partner, date of the event, number of participants – provides information on the user type of the attendees, the sectors and topics the attendees belonged to, and the relation of the workshop topics to the IQmulus test beds and scenarios.

Organising IQmulus partner	Number of workshops (April 2013)	Cumulated number of involved persons
FÖMI	4	47
UBO-IFREMER	1	11
CNR-IMATI and Regione Liguria	1	42
CNR-IMATI	2	14
IGN	2	15
UCL	2	5

*Table 6. Number of workshops and interviews organised by IQmulus partners*

As it can be seen, 12 workshops addressing 134 users were organized in 2012/2013. All workshop material, presentations, documents and the lists of participants are available in the “Workshop material” folder in eRoom (see Table 1 for details).

Currently 7 publications (in periodicals or series) are listed in the “IQmulus publications” database from which 4 have or will be provided with open access to the public. To demonstrate the topic of the publications we provide an overview table of them (Table 7).

IQmulus partner	Title of the publication	Title of the periodical or the series
CNR-IMATI-GE	Grouping real functions defined on 3D surfaces	Computers & Graphics
Fraunhofer	VCoRE: a web resource oriented architecture for efficient data exchange	Proceedings of the 18th International Conference on 3D Web Technology
TUDelft	Automatic registration of iPhone images to laser point clouds of urban structures using shape features	ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences
	Trends in Detecting Changes from Repeated Laser Scanning Data	Proc. 2nd Joint International Symposium on Deformation Monitoring (JISDM) Nottingham
	Automatic volume estimation from laser mobile mapping data for mountain road widening	Remote Sensing
UBO	Direct sediment transfer from land to deep-sea: Insights into shallow multibeam bathymetry at La Réunion Island	Marine Geology
	Giant dune morphologies and dynamics in a deep continental shelf environment: Example of the banc du four (Western Brittany, France)	Marine Geology

*Table 7. IQmulus publications*

Information on IQmulus dissemination activities can be found in the folder with the same name. The summary of the content is presented in Table 8-10.

<b>Type of activities (and related number of activities)</b>							
Conference	Exhibitions	Posters	Presentations	Press releases	Publication	Web sites/ Applications	Workshops
5	5	1	4	2	2	1	12

*Table 8. IQmulus dissemination activities I.*

<b>Main leader of the activity (and related number of activities)</b>										
CNR-IMATI-GE	FOMI	Fraunhofer	HRW	Ifremer	IGN	Liguria	MOSS	SINTEF	UBO	UCL
4	4	6	2	1	2	1	3	2	6	1

*Table 9. IQmulus dissemination activities II.*

<b>Type of audience (and related number of activities)</b>					
(none selected)	Civil society	Industry	Medias	Policy makers	Scientific community (higher education, Research)
1	6	15	6	13	27

*Table 10. IQmulus dissemination activities III.*

Further information on the notification of dissemination can be found in the folder “Notification of Dissemination” (see Table 1 for details).

Several events with possible IQmulus presence are listed in eRoom (till now altogether 28). Most of them are (were) planned for project year 1 and 2 (26 items), the rest is planned for the years 2014 and 2015. Of course this will be changed as soon details of future conferences will be publicized. Extracted information of this database is presented here (Table 11-12)

<b>Focus of the presentation/poster/exhibition, etc.</b>						
(none selected)	Big data	Computer Graphics	Geometry	GIT	ICT	Sensing
7	4	4	4	2	1	6

*Table 11. Possible IQmulus presence I.*

<b>IQmulus partner the presentation is provided by</b>							
CNR-IMATI-GE	Fraunhofer	IGN	MOSS	SINTEF	TU Delft	UBO	UCL
5	5	3	1	7	4	1	4

*Table 12. Possible IQmulus presence II.*

Other dissemination opportunities where practitioners from industry, research, public sector and the community can meet with IQmulus are listed in the folder “Other dissemination channels”. Currently the Maritime Industries Forum, ISO 15926 and Semantic Technologies Annual Meeting, and the European Data Forum are mentioned here.

---

## 4 ONLINE COMMUNICATION CHANNELS

---

### 4.1 PROJECT WEBSITE

---

This chapter describes the current functionality, menu structure and editing processes of the IQmulus website as a continuation of deliverable D8.2. The focus is on the IQmulus website and other forums as interactive communication channels between users and IQmulus consortium members. The website will be subject to continuous evolution, refinement, updating and will have its functionality extended during the project lifetime and the follow-up period.

#### 4.1.1 BACKGROUND

---

The IQmulus website has been created and is hosted by FOMI. The domain registered is the following: <https://www.iqmulus.eu> . Encryption of connections via https/SSL is also possible as the site has an SSL certificate.

The website is based on the Joomla! open source web content management system version 2.5 (<http://www.joomla.org/25/>) because it is widely used among web editors, with a broad selection of templates for the appearance of the sites and a number of extensions available for useful additional functions. It also has extended capabilities for users and user group management.

#### 4.1.2 CURRENT STRUCTURE

---

The sections of the site are the following:

1. Banner and logos of the project
2. Left hand side menus:
  - 2.1. Main menu:
    - 2.1.1. At a Glance
    - 2.1.2. Project partners
    - 2.1.3. Events
    - 2.1.4. Contact information
  - 2.2. Overview & Implementation menu:
    - 2.2.1. Project overview
    - 2.2.2. Test beds
      - 2.2.2.1. Marine Spatial Planning
      - 2.2.2.2. Land Applications
    - 2.2.3. User related activities
      - 2.2.3.1. Requirements (WP 1)
      - 2.2.3.2. Assessment and Evaluation (WP 7)
      - 2.2.3.3. Dissemination and Outreach (WP 8)
    - 2.2.4. Development work
      - 2.2.4.1. Infrastructure Design (WP 2)
      - 2.2.4.2. Heterogeneous Data Integration Platform (WP 3)
      - 2.2.4.3. Processing Services (WP 4)
      - 2.2.4.4. Interactive Visual Decision Support (WP 5)
      - 2.2.4.5. System Integration and Testing (WP 6)
  - 2.3. Project Life menu:
    - 2.3.1. Past events

- 2.3.1.1. 14-18.10.2013. Consortium Meeting & Mini Code Camp Paris
- 2.3.1.2. 3-7.06.2013. IQmulus Code Camp Darmstadt
- 2.3.1.3. 18-20.03.2013. Consortium meeting Budapest
- 2.3.1.4. 24-25.01.2013. WP4 meeting Paris
- 2.3.1.5. 21-23.11.2012. Kick-off meeting Genoa
- 2.4. Project Results menu:
  - 2.4.1. Public documents
- 2.5. Upcoming Events:
  - 2.5.1. First IQmulus Contest 2013
  - 2.5.2. Where can you meet us
- 2.6. Login Form
- 3. Right hand side menus:
  - 3.1. Upcoming events as calendar, also listed the past events
  - 3.2. Project partner logos and links
- 4. Main content section

### 4.1.3 CONTENT AND STRATEGY FOR USER-CENTRIC EVOLUTION

---

The structure and the contents of the first version of the website were created by FOMI and are a matter of further discussions and adjustments. Content was mainly taken from the Description of Work for the first version. In the implementation of the sections we tried to keep in mind practicality and utility, and to publish all the relevant information in a brief but appropriate way.

As a strategy for the further evolution of the website, we are focusing on the user community and to enrich the information provided to them about the project work and user group activities.

Our strategy consists of the following points:

1. Update the website regularly with the most up-to-date information about the events and the development of the project.
2. Create a part of the site dedicated to the latest news as a menu "News for the User Community/News in English".
3. Create a native language part of the site for each nationality of the project partners as public information about regional issues, to keep in touch with the user community in the native language and expand the possibilities of information exchange.
  - a. Publish short summaries of the meetings and workshops already organized on regional issues. Create a part of the site dedicated to the latest news as a menu "News for the User Community/Regional Issues (in native languages).
  - b. Publish a short summary of the activities planned for the future on regional issues.
  - c. Regular electronic newsletter for the users every six months with the content of the latest news, developments, the latest content of the IQmulus website, and upcoming events where the users can meet the project partners.
  - d. Well-designed flyer and brochure about the project for download.
  - e. Short summaries – not longer than 1-2 pages – of „Deliverables” have to be published in a general (non-technical) and native language for the users (IQmulus website/News for the User Community/Regional Issues/..Country link) to explain the main goals of the project and the "Deliverables" in each native language to create attention for the latest results of the project work.
4. Videos and demos should also be published on the website to give a short overview about the ideas of the project.

**Home**

A High- volume Fusion and Analysis Platform for Geospatial Point Clouds, Coverages and Volumetric Data Sets

» At a Glance  
» Project partners  
» Events  
» Contact information

**Project Overview**

» Project overview  
» Test beds  
» User related activities  
» Development work

**Project Life**

» Past events

**Project Results**

» Public documents

**Upcoming events**

» First IQmulus Contest 2013  
» Consortium Meeting & Mini Code Camp Paris  
» Where can you meet us

**Login Form**

User Name

Password

**First IQmulus contest 2013**

**First IQmulus contest 2013**

The objective of the IQmulus Contest is to enable reproducible evaluation of the performance of geospatial data processing such as point cloud registration and alignment, feature extraction, classification, detection and characterization of dynamic events through the creation of benchmarks and evaluation methodologies.

Besides the selection of test datasets with a groundtruth, the IQmulus contest will also provide a platform where the participant will be able to run their methods in a unique and standard infrastructure.

The IQmulus contest is featured by the EU IQmulus project and encourages the participation of the whole scientific community as well as specific user groups.

The IQmulus contest 2013 will feature two tracks, namely, registration and feature extraction:

1. Registration track: sets of point clouds will be provided and the participants will be asked to register them.
2. Feature extraction track focuses on the extraction of drainage basins from a DEM.

The quality of the results will be evaluated in terms of accuracy with respect to pre-defined ground-truth maps. One of the aspects considered by the contest is also the size of the datasets, the capability of the methods to scale to different data size, and the computational efficiency of the methods expressed, for example, by their memory usage and computational complexity.

The evaluation results of the contest will be presented during the ISPRS Workshop Laser Scanning 2013, Antalya, Turkey, 11-13 November 2013.

**IQmulus Time Schedule:**  
**September 30, 2013**  
deadline for the expression of interest of the participants

Search...

**Events**

October 2013

M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Consortium Meeting & Mini Code Camp Paris  
Mon Oct 14, 2013 @08:00 - 05:00PM

IQmulus Code Camp Darmstadt  
Mon Jun 03, 2013 @08:00 - 05:00PM

Consortium & User requirements meeting Budapest  
Mon Mar 18, 2013 @09:00 - 05:00PM

User Workshop - Italian Chapter  
Thu Mar 07, 2013 @10:00 - 05:00PM

WP4 meeting Paris  
Thu Jan 24, 2013 @08:00 - 05:00PM

[View Full Calendar](#)

**Project partners**

**SINTEF**

**Fraunhofer IGD**

## 4.2 OTHER FORUMS

Using well-established social networking media is considered as a good strategy for both interactive communication with users and awareness-raising. LinkedIn was identified by the consortium as an appropriate medium due to its professional nature and huge span covering a large number of possible stakeholders. Keeping contact with the user community in an informal yet interactive way has already proved to be very efficient.

Therefore, IQmulus has been registered as a project on LinkedIn, and a number of participating persons have been linked to the project. The next step is to regularly post updated information on the latest developments on LinkedIn, while keeping of course the link to the project website.



## 5 CONCLUSIONS

---

User Group activities in the first project year, in close cooperation with WP1, have yielded a well-established network of almost 100 external users within 38 different institutions. These users have been already involved in the requirements formulation process, certainly with different levels of interaction. Taking into account the originally targeted number of users (~20 consortium-external core users by the end of the project), this is already a very good result.

However, the challenge of the next project phase is to maintain the established connections in a durable manner and to keep the users actively engaged. With the first development results becoming available and the start of WP7 (Evaluation) in project year 2, the next task will be to involve the User Group in refining and complementing their requirements in WP1, and in actively participating in the evaluation activities within WP7.