Crowdsourcing in National Mapping 2017
An International Workshop
Leuven, Belgium April 3rd and 4th 2017

Hackathon Challenges and Roadmap

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Hackathon – Roadmap

1. 3-4 April 2017 Workshop Leuven: First ideas on challenges and discussion on mode of operation
2. May 2017: Circulation of workshop report to NMCAs, invitation of additional ideas
3. June 2017: Call for Hackathon
4. Sept 2017: Submission by teams
5. Sept 2017: Selection of winning team(s)
6. Oct/Nov/Dec 2017: Presentation of results at EuroSDR meeting

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Hackathon – Challenges created

Group	Title	Members
1	The Postman always checks twice	Barend Köbben, Frederique Spitaels, Mattias Frick, Martin Wieser
2	Comparison of OpenStreetMap road data and official data for annual updating	Joost Schouppe, Dalibor Radovan, Suzana Velevska
3	A VGI application for alternative energy	Sonja, Tanel, Michiel
4	Where is the door?	Mari Laakso, Marcel Ziens, Clive Cartwright, Magdalena Grus
5	OS Routes	Jeremy et al
6	Improving the timeliness of NMCA basemaps using VGI through trustworthy check algorithm	Carol, Bert, Oscar
7	What does your place sound like?	Peter Mooney, Eric Bayers, Tobias Kellenberger
8	Automated Change detection of buildings	Maria Brovelli, Nuria Valcarel, Joep Crompvoets
9	To your doorstep	Claire Pook, Elisa van Bergen, Bart Vockaert, Vyron Antoniou
10	Platform for sharing and integrating 3D geodata for emergency purposes	Emmanuel, Joana, Jaap-Willem
11	VGI application for flood map validation	Mark, Jurg, Boud, Anne
12	A VGI application for quality improvement of cadastral parcel data	Maria Angela Musci; Roy Mellum; Nick Land

Group	Abstract
1	NMA field checks by postmen
2	Automatic geometric and topological comparison of OSM and government data
3	Volunteers indicate wind turbines and solar panels present based on aerial images
4	Map all entrances of buildings with possibility to add photos
5	Improvement of OS core content (better path networks)
6	Citizens perform field checks of spatial changes through geo-localised photographs and textual descriptions
7	Pronounciation of placenames
8	Citizens detect illegal and missing buildings
9	Producing an accurate map of the footpaths that connect the road-network to the actual doorstep
10	App providing 3D info for Emergency responders
11	Validation of flood maps. Citizens are informed about flood events.
12	Mobile App to collect and improve the parcel data as a proposal for later legal approval

Detailed descriptions are here:
https://drive.google.com/drive/folders/0B_ORhJke9f3bSGMydjh5T192M0U

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