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5 March 2018

19:00 - 20:00 Hands-on lesson on the Copernicus Land Monitoring Service

Ludvig Forslund, European Environment Agency, Copernicus Land Monitoring Service

20:00 - 20:30 Introduction to the Terrascope Platform

Jurgen Everaerts, VITO Remote Sensing

20:30 - 21:00 A practical introduction to the Image Processing Chain

Jo Van Valckenborg, Information Flanders

Please register to the lesson at this [LINK](#)

6 March 2018

09:00 - 09:30 Registration

09:30 - 09:45 WELCOME AND INTRODUCTIONS

Dirk Frimout, Former Astronaut, European Space Agency

Dominique Tilmans, President, Eurisy

09:45 - 10:25 KEYNOTES

Moderator: **Jean-Christophe Schyns**, Belgian Federal Science Policy Office

Karl Filip Coenegrachts, Chief Strategy Officer, City of Ghent

The importance of citizens' engagement to foster innovation in cities

Jacques Nijskens, General Manager, Belgian Federal Science Policy Office

Support and funding opportunities to develop and use satellite-based services in Belgium

Mario Hernandez, Special Consultant, United Nations Educational and Cultural Organization

Safeguarding Heritage to build Sustainable Cities and Communities: How satellites can help

Q&A

10:25 - 10:45 Coffee break

10:45 - 11:10 EARTH OBSERVATION FOR CITIES: THE EUROPEAN FRAMEWORK

Moderator: **Toby Clark**, Eurisy

Hans Dufourmont, Project Manager, and **Ludvig Forslund**, GIS Consultant, European Environment Agency, Copernicus Land Monitoring Service

The Copernicus Land Monitoring Service and its potential to enhance quality of life in cities

Annekatrien Debien, Copernicus Support Office

Introduction to the Copernicus Programme

11:10 - 11:35 EARTH OBSERVATION FOR CITIES: THE FLEMISH PERSPECTIVE

Moderator: **Bart Rosseau**, Data and Information / Business Management, City of Ghent

Jo Van Valckenborg, R&D Manager, Information Flanders

The Image Processing Chain for Flanders

Steven Krekels, Unit Manager, Remote Sensing Department, VITO Remote Sensing

Sustainable.Digital.Smart.Cities ... and Space

Q&A

11:35 - 11:50 Break

11:50 - 12:50 USER SESSION - RESILIENT CITIES

This session aims at presenting the experience of city actors, which use Earth observation data to improve cities' efficiency and resilience to climate change.

Moderator: **Toby Clark**, Eurisy

Lars Nørgård Holmegaard, Lemvig Water and Wastewater, Municipality of Lemvig, Denmark

Using satellite imagery to optimise maintenance work of water and wastewater pipelines

Annemarij Kooistra, Program Director, Department of Engineering, City of Amsterdam,
and **Patrick Stoppelman**, Director Client Relations, SkyGeo, The Netherlands

Earth Observation data for bridge asset management

Dirk Voets, Account Manager, Iagem, The Netherlands

Usage of satellite imagery to enhance resilience in the cities of Almere and Nijmegen

Q&A

12:50 - 13:50 Lunch break

**13:50 - 14:05 THE EUROPEAN INNOVATION PARTNERSHIP ON SMART
CITIES AND COMMUNITIES**

Bart De Lathouwer, Director Innovation Program and General Manager OGC Europe, Open
Geospatial Consortium

**14:05 - 14:25 ELEVATOR PITCHES: SATELLITE-BASED SERVICES FOR
HEALTHY CITIES**

Nicolas Beaugendre, General Manager, KERMAP, France

Kermap: an innovative way to monitor green areas in our cities

Jurgen Everaerts, Business Development, VITO Remote Sensing, Belgium

BUMBA project: Belgian Urban NO2 Monitoring Based on APEX remote sensing

Ides Bauwens, Co-founder & Managing Partner, Nazka Mapps, Belgium

Aircheckr: Air quality at your fingertips

14:25 - 15:05 USER SESSION - CLEAN CITIES

This session aims at presenting the experience of city actors, which use Earth observation data to improve cities' environment and sustainability.

Moderator: **Grazia M. Fiore**, Eurisy

Nicolas Lebert, Intelligent Networks Project Manager, HESPUL, France

Satellite data to monitor solar energy production in cities

Jeroen Mercy, Environmental Department, City of Ghent, and **Jo Van Valckenborg**, R&D Manager, Information Flanders, Belgium

Uses of the solar potential map for Flanders in Ghent

Q&A

15:05 - 15:20 Coffee break

15:20 - 15:30 ESA BUSINESS APPLICATIONS: HOW TO IMPROVE CITIES WITH THE COMBINED RESOURCES OF SPACE AT YOUR FINGERTIPS

Nicolas Helssen, ESA Business Applications Ambassador Platform for Belgium

15:30 - 15:50 ELEVATOR PITCHES: SATELLITE-BASED SERVICES FOR EFFICIENT CITIES

Frank De Boeck, Sales Director Western Europe, Eurosense, Belgium

Light pollution, from monitoring to smart terrain actions in European cities

Damien Closson, Project Manager, Earth Observation, GIM nv, Belgium

EO enriched 3D geodata for smart management of the urban environment

Bart De Lathouwer, Director Innovation Program and General Manager OGC Europe, Open Geospatial Consortium

NextGEOSS project: EO data as a service

15:50 - 16:45 INTERACTIVE DISCUSSION: IDEAS AND OPPORTUNITIES TO USE EARTH OBSERVATION DATA TO INCREASE QUALITY OF LIFE IN CITIES

Federica Bordelot, Policy Advisor, Eurocities

Nathalie Dumarey, Smart City manager, Association of Flemish Cities and Municipalities

Djida Bounazef-Vanmarsenille, Doctor in Business Management, Smart City Institute HEC Liège

Ilaria D'Auria, Communications and Project Manager, Network of European Regions Using Space Technologies - NEREUS

Ingrid Reynaert, Business Group Leader Smart Cities, Agoria

This session aims at actively involving the audience in the discussion on possible uses of Earth Observation data, and in particular of the Copernicus datasets, to respond to cities' priorities and needs.

Participants will be able to make questions to the confirmed users of Earth observation data and will evaluate the possibility of transferring the experiences to their cities. They will be also able to enquire experts from BELSPO, the European Commission and the Copernicus Support Office on how to access and use data based on Earth Observation.

City authorities and other city actors will exchange ideas on how they would like to use Earth Observation data in their city, and will evaluate with the experts the feasibility of their ideas.

16:45 - 17:00 FINAL REMARKS AND RECOMMENDATIONS

Dominique Tilmans, President, Eurisy

Daniël Termont, Mayor, City of Ghent

17:00 - 18:00 Networking