

## **LOTUS Fourth Review Meeting, 29 April 2015, 9:30-16:30.**

REA

16, place Rogier

1210 BRUSSELS

Meeting room: COV2 17SDR1 - TBC

### **Draft Agenda:**

#### **Introductory session (9:30-9:45):**

1. Opening and welcome (REA+DTU)
2. Practical information (REA+DTU)
3. Round-table (all)

#### **Project overview and status (9:45-10:30)**

4. LOTUS project overview (DTU)
  - a. Status (DTU)
  - b. Follow-ups from RV3 (DTU & REA)

#### **Coffee break (10:30-10:45)**

#### **Work packages – progress and status (10:45-12:30):**

5. WP1 Processing SRAL SAR mode waveforms over ocean (STARLAB) (15' total)
  - a. Overall objectives and results (STARLAB)
6. WP2 Processing SRAL SAR mode waveforms over land (DTU) (15' total)
  - a. Overall objectives and results (DTU)
7. WP3 Definition of new data products and processing chains (CLS) (30' total)
  - a. Overall objectives and results (CLS)
  - b. Task 3.1: Definition and design of ocean data products (CLS)
  - c. Task 3.2: Definition and design of land data products (CLS)
  - d. Task 3.3: Specific products dedicated to applications (CLS)
  - e. Task 3.4: Data product formats and dissemination services (CLS, DTU)
8. WP4 Production of demo data and assessment (DTU) (45' total)
  - a. Overall objectives and results (DTU)
  - b. Task 4.1 Processing of Cryosat-2 ocean data. (STARLAB with input from CLS and DTU)
  - c. Task 4.2 Processing of Cryosat-2 land data. (DTU with input from UNEW and STARLAB)
  - d. Task 4.3 Preparation of prototype data sets (CLS)
  - e. Task 4.4 Development of multi-satellite and in-situ validation and long term referencing data set (STARLAB and DTU)
  - f. Task 4.5 Assessment of Cryosat-2 ocean prototype data (DHI and DTU)
  - g. Task 4.6 Assessment of Cryosat-2 land prototype data (STARLAB and DTU)

#### **Lunch break (12:30-13:30)**

### **Work packages – progress and status (13:30-15:00):**

9. WP5 Applications of new GMES data in value-adding ocean services (DHI) (40' total)
  - a. Overall objectives and results (DHI)
  - b. Task 5.1 Improved wave and wind design data (DHI and CLS)
  - c. Task 5.2 Characterization of coastal scale hydrodynamics (DHI and DTU)
  - d. Task 5.3 New current design and forecast data (DHI, DTU, CLS, and Starlab)
  - e. Task 5.5 Climate change services (CLS and DHI)
  
10. WP6 Applications of new GMES data in value-adding land services (STARLAB) (40' total)
  - a. Overall objectives and results (STARLAB)
  - b. Task 6.1 Monitoring river and Lake levels (Starlab and CLS)
  - c. Task 6.2 Monitoring snow depth (Starlab)
  - d. Task 6.3 Monitoring of Soil moisture (Starlab)
  - e. Task 6.4: Hydrological modelling and data assimilation (DTU, DHI and Starlab)

### **Coffee break (15:00-15:15)**

### **Impact of the project (15:15-16:00):**

11. WP7 Dissemination and exploitation (DTU)
  - a. Overall objectives and results (DTU)
  - b. Task 7.1 Project web site (DTU)
  - c. Task 7.2 GMES land and ocean (STARLAB)
  - d. Task 7.3 SME exploitation (DHI)
  - e. Task 7.4 Climate Change monitoring (DTU)
  - f. Task 7.5 Security and emergency management (CLS)

### **Project management session (16:00-16:15):**

12. WP8 Management (DTU)
  - a. Overall objectives and status (DTU)

### **Closing session (16:15-16:30):**

13. AOB
14. Review of action items
15. End of meeting

## Participants:

### **REA:**

Virginia Puzzolo  
Stefano Vignudelli (REA Reviewer)

### **CLS:**

Pierre Thibaut  
Thomas Moreau

### **DHI:**

Henrik Madsen  
Ole S. Petersen

### **DTU:**

Karina Nielsen  
Ole B. Andersen  
Per Knudsen  
Raphael Schneider

### **Starlab:**

Antonio Reppucci  
Camille Pelloquin

### **UNEW:**

Philippa Berry (by Skype)