



## Programme

**Venue: Bâtiment des Darses, 189B Av. M. Schumann, 59140 Dunkerque**

(EN) : presentation in English

(FR) : presentation in French

### Tuesday 12 June 2018

*Chair: Jean HUGÉ (Université Libre de Bruxelles, ULB, Belgique)*

08:45 Registration (Venue: hall)

#### 09:30 **Welcome**

- N.N. (Vice-president, Université Littoral Côte d'Opale, ULCO) (FR/EN)
- **Dries GORISSEN** (Agency for Nature and Forests, Flanders, Belgium) (EN)

#### 09:45 **Opening session**

Venue: Amphitheatre (ground floor)

- **François DELCUEILLERIE** (European Commission, LIFE Programme Unit, DG Environment). *The future LIFE programme 2021-2027 (EN)*
- **Michéal O' BRIAIN** (European Commission, Nature Protection Unit, DG Environment). *The EU Action Plan for Nature, People and the Economy (EN)*
- **François RUYSSCHAERT** (Ministry of Ecological and Solidary Transition, France): *The importance of the LIFE programme in France for public policy supporting biodiversity and sustainable management of the coast (FR)*
- **Dries GORISSEN** (Agency for Nature and Forests, Flanders, Belgium). *The importance of LIFE for the implementation of Natura 2000 in Flanders (EN)*
- **John HOUSTON** (NEEMO LIFE Team). *The Natura 2000 Biogeographical Process for the Atlantic Biogeographical Region - the Coastal Dune Roadmap - an update (EN)*

11:00 Coffee break (Location: first floor, room 101)

#### 11:20 **Opening session** (continued)

Venue: Amphitheatre (ground floor)

- **Loïc GOUGUET** (Office National des Forêts, France). *Reconciling coastal dune protection and ecosystem conservation (FR)*
- **Jean-Louis HERRIER** (Agency for Nature and Forest, Flanders, Belgium), **Bénédicte LEMAIRE** (Département du Nord, France) **et al.** *LIFE+ FLANDRE: strengthening the Natura 2000 network by cross-border cooperation (EN & FR)*

#### 12:30 **Lunch**

Venue : Resto Universitaire (RU), 1 Place des Nations, 59140 Dunkerque

13:40 **Inspiring LIFE projects**

Venue: Amphitheatre (ground floor)

- **Edy FANTINATO** (Ca' Foscari University of Venice, Italy) **et al.** *LIFE16 NAT/IT/000589 - Restoration of dune habitats in Natura 2000 sites of the Veneto coast” – REDUNE: targets and objectives (EN)*
- **Gundega ULME** (Carnikava Municipality, Latvia) & **Vilis ZINKEVICS** (Carnikava Municipality). *CoHaBit - Coastal Habitat Conservation in Nature Park "Piejūra", Latvia. LIFE15 NAT/LV/000900 (EN)*
- **Jose Ignacio ALONSO FELPETE & Elena Fernández IGLESIAS** (Universidad de Oviedo-Indurot). *Prioritizing the conservation of coastal dunes in Northern Spain (EN)*
- **Nadia SANZ CASAS** (Conservatoire du Littoral, France), **Eric GIRARD** (Conservatoire du Littoral, France) & **Etienne DUBAILLE** (Conservatoire du Littoral, France). *Programme LIFE Adapto: ten approaches to flexible management of the shoreline (FR)*

15:00 Coffee break (Location: first floor, room 101)

15:30 **Parallel sessions**

- **Session 1. Climate change & coastal dynamics**

Venue : room 102, first floor

Moderator : Yvonne BATTIAU-QUENEY (EUCC France)

- **KEYNOTE: Marie-Hélène RUZ** (Université du Littoral Côte d'Opale, France). *Coastal dune response to climate change : a geomorphological viewpoint (FR)*
- **John RATCLIFFE** (Natural Resources Wales), **Julie CREER** (Natural Resources Wales) **et al.** *From Preservation to Conservation; the restoration of sand drift dynamics in Wales (EN)*
- **Luc GEELEN** (Waternet, Netherlands). *A LIFE+ dune restoration project, rocket science or not? (EN)*
- **Hon Chim CHIU** (Department of Geography and Centre for Geo-computation Studies, Hong Kong Baptist University) **et al.** *Beach Recovery Processes in Urban Beach Systems : A Study in Hong Kong after an Extreme Storm Event (EN)*

- **Session 2. Ecosystem services from dunes and beaches**

Venue: Amphitheatre (ground floor)

Moderator: Jean HUGÉ (ULB)

- **KEYNOTE: Leo DE NOCKER** (Flemish Institute for Technological Development – VITO, Belgium) **et al.** *The ecosystem goods and services of coastal dunes and their benefits for people and the economy. Illustrated by the socio-economic impacts of the LIFE+ FLANDRE project (EN)*
- **Katrien VAN DER BIEST** (University of Antwerp, Ecosystem Management Research Group, Belgium) **et al.** *Ecosystem vision for the Belgian coastal zone (EN)*
- **Myrthe FONCK** (PWN, Netherlands). *Nature conservation and drinking water production: mutual benefits of an ecosystem service (EN)*
- **Daphné THOON** (MDK – Coastal Division, Flanders, Belgium) & **Peter VAN BESIEN** (MDK – Coastal Division, Flanders, Belgium). *Ecosystem services provided by coastal dunes & sandy beaches: Coastal Safety - case studies in Flanders (EN)*



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- **Session 3. Spatial fragmentation and ecological connectivity**

Venue : room 204, second floor

Moderator : Jean-Louis HERRIER (Agency for Nature and Forest, Flanders, Belgium)

- **KEYNOTE: Theo VAN DER SLUIS** (WENR/Biogeographical Process, Netherlands) & **Thomas HAYNES** (NatureBureau/Biogeographical Process, UK). *Ecological networks for improved landscape connectivity – examples for coastal dunes (EN)*
- **Jean-Louis HERRIER** (Agency for Nature and Forest, Flanders, Belgium) **et al.** *Possibilities to restore ecological connections between dune sites in the spatially fragmented coastal dune belt of Flanders (EN)*
- **Benjamin BLONDEL** (Syndicat Mixte Baie de Somme - Grand Littoral Picard, France). *Remarkable landscapes and natural habitats restoration in the Marquenterre coastal dunes, northern France (FR)*
- **Els AMELOOT** (Flemish Land Agency – VLM, Belgium) & **Carole AMPE** (Flemish Land Agency – VLM, Belgium). *Grey blockhouses in grey dunes: Schuddebeurze (Flanders) (EN)*
- **Christine DOBRONIAK** (Dunkirk Port Authority, France). *The natural heritage master plan (SDPN), a forward-looking vision to protect port biodiversity (Dunkerque, France, North Sea) (FR)*

17:30 Parallel sessions end

18:00 **Knowledge exchange market & walking dinner**

(Location: first floor, room 101)

20:00 Knowledge exchange market ends

### Wednesday 13 June 2018

08:30 Excursion in the cross-border dune complex De Westhoek — Dune du Perroquet — fossil dunes of Ghyvelde and Adinkerke

Busses leave from: Parking Môle 1, Route du Quai Freycinet 3, Dunkerque

20:00 Workshop dinner

Venue: L'Edito, 97 Entrée du Port, Dunkerque

### Thursday 14 June 2018

Chair: Jean-Louis HERRIER (Agency for Nature and Forest, Flanders, Belgium)

08:45 **Parallel sessions**

- **Session 4. Climate change & atmospheric nitrogen deposition versus biodiversity**

Venue : room 204, second floor

Moderator : Hubert BRABANT (EDEN 62 & EUCC France)

- **KEYNOTE: Annemieke KOOIJMAN** (Institute of Biodiversity and Ecosystem Dynamics - University of Amsterdam Netherlands) & **Mark VAN TIL** (Waternet Amsterdam, Netherlands). *Nitrogen deposition and grass encroachment in calcareous and acidic Grey Dunes (H2130) in northwest Europe (EN)*
- **Dries BONTE** (Ghent University, Biology Department, Belgium) **et al.** *Linking the spatial organisation of marram grass to dune functioning (EN)*
- **Mark VAN TIL** (Waternet Amsterdam, Netherlands) **et al.** *Experiences with reactivation of blow-outs in the Amsterdam Dunes (EN)*
- **Marijn NIJSSEN** (Bargerveen Foundation / Radboud University Universiteit Nijmegen, Netherlands) **et al.** *Soil calcium levels determine effectiveness of mitigating N-deposition for fauna in coastal dunes (EN)*



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- **Session 5. Integrating nature development in coastal defense**

Venue: Amphitheatre (ground floor)

Moderator : Kristien OOMS (BOS+)

- **KEYNOTE: Sierd DE VRIES** (Faculty of Civil Engineering and Geosciences (CITG), TU Delft, Netherlands). *Natural dune development and coastal defence, lessons learned at the Sand Motor mega nourishment (EN)*
- **Marieke KUIPERS** (PWN, Netherlands) **et al.** *Restoration of dynamic coastal foredunes in the Netherlands (EN)*
- **Pieter RAUWOENS** (Leuven University, Department of Civil Engineering, TC Construction, Belgium) **et al.** *Coastal safety in 2100: It's hard to teach engineering students the soft way (EN)*
- **Anne-Lise MONTREUIL** (Vrije Universiteit Brussel - VUB, Department of Hydrology and Hydraulic Engineering) **et al.** *Improved Understanding of Coastal Morphological Processes along the Belgian Coast (EN)*
- **Wietse VAN DE LAGEWEG** (AnteaGroup Belgium) **et al.** *Alternative nourishment methods for the Belgian coast protection (EN)*
- **Sebastian DAN** (Flanders Hydraulics Research, Belgium) **et al.** *Preliminary results of a comprehensive monitoring program at the Belgian coast (EN)*

- **Session 6. Management planning and monitoring**

Venue : room 102, first floor

Moderator : Marie-Claire PRAT (EUCC France)

- **KEYNOTE: Sam PROVOOST** (Institute for Nature and Forest Research - INBO, Belgium) **& Christophe BLONDEL** (Conservatoire Botanique National de Bailleul, France). *Monitoring of ecological dune restoration in Northern France and Belgium (EN & FR)*
- **Quentin LAPORTE-FAURET** (CNRS, Université de Bordeaux, France) **et al.** *Morphological and ecological monitoring of a beach-dune system in response to the experimental set up of transverse blowouts: Truc Vert, Nouvelle-Aquitaine, France (FR)*
- **Frantz VEILLÉ** (Office National des Forêts, France), **Françoise DUHAMEL** (Conservatoire Botanique National de Bailleul, France) **& Christophe BLONDEL** (Conservatoire Botanique National de Bailleul, France). *The dune grasslands of the Opal Coast Biological Reserve. Monitoring and management methods to ensure long-term conservation (EN/FR)*
- **Edy FANTINATO** (Ca' Foscari University of Venice, Italy) **et al.** *Functional conservation of coastal dune systems: the pollination network perspective (EN)*
- **Jan VAN UYTVANCK** (Institute for Nature and Forest Research – INBO, Belgium). *GPS-data of large herbivore habitat use support management practice in the Zwin nature reserve (EN)*
- **Oliver COHEN** (Université du Littoral Côte d'Opale, France) **et al.** - *Mapping coastal dunes morphology and habitats evolution using UAV and ultra-high speed spatial resolution photogrammetry (EN/FR)*

11:00 Coffee break (Location: first floor, room 101)

11:20 **Workshop on Atlantic Dune Roadmap** - Venue: Amphitheatre (ground floor)

12:30 **Conclusions** - Venue: Amphitheatre (ground floor)

13:30 Lunch (Location: first floor, room 101)

14:30 **Post-workshop excursion "Dune Dewulf"**

Busses leave from: Parking Môle 1, Route du Quai Freycinet 3, Dunkerque

17:30 Workshop ends