

Agenda – Destination Earth (DestinE) Co-Design Workshop

8 – 9 June, Brussels

Day 1, 8 June, Royal Meteorological Institute of Belgium (RMI)

3 Avenue Circulaire, B-1180 Brussels

The venue on the first day is the Royal Meteorological Institute (RMI). Allow extra time to get there, e.g. from the South station (Bruxelles-Midi) take Tram 4 direction "Stalle". After about 15 minutes, get off at "Héros" and take Bus 43 direction "Observatoire". The bus stop is located on the south side of this square (Square des Héros). Get off at the last stop of this line "Observatoire".

08:45 - 09:15	Registration and arrival
09:15- 10:30	Introductions from the three implementing entities ECMWF, ESA, EUMETSAT as well as participants* <i>*not mandatory, but be prepared for a one minute intro of your interest and/or your problem you would like to address</i>
10:30 - 11:00	Coffee break
11:00 - 11:30	Deep-dive sessions I / Intro <ul style="list-style-type: none">• How would an application developer or the general public use DestinE data (Nils Wedi, ECMWF)• What is it about the Climate DT (generation 2) data and storylines – a science perspective (Sebastian Milinski, ECMWF)• Did you ever wonder which model to use? Navigating weather information in a changing climate – from digital twins to users (Estibaliz Gascon, ECMWF)
11:30 - 12:00	Deep-dive sessions II (TechBrief) <ul style="list-style-type: none">• Using Polytope features (Adam Warde, ECMWF)• Harmonised data access service and Edge services (Danaële Puechmaille, EUMETSAT)• How to implement a workflow with Delta Twin (Ines Sanz Morere, ESA/Gael)• Hands-on session on Insula- Code: overview of the environment how to access existing contents to build new experiments (Ines Sanz Morere, ESA/CGI)• Using Aviso notification services (Adam Warde, ECMWF)

	<p style="text-align: center;">Group formations and more in-depth discussions / problem solving broadly around the two themes</p> <p style="text-align: center;"><i>Please raise user needs & co-design needs in each session, e.g. missing support, documentation, onboarding, co-design or how DestinE could better support users</i></p> <p>A) Technical access & workflows (How to access, use or integrate DestinE data and services, including DEDL, DESP, Polytope, Aviso, Edge services, APIs, and practical workflows)</p> <p>B) DTs: Climate DT, storylines & adaptation, Extremes DT, weather & uncertainty (Climate DT data, storylines, what-if scenarios, adaptation planning, energy, urban heat or climate-related applications, weather information, extreme events, forecasting, uncertainty, hydrology, air quality)</p>
13:00 - 14:30	Lunch and continued interest group discussions
14:30 - 15:15	<p style="text-align: center;">Deep-dive session III (AI)</p> <ul style="list-style-type: none"> • AI on Edge services (Miruna Stoicescu, EUMETSAT) • Using Anemoui effectively (Harrison Cook, ECMWF) • What is forecast-in-a-box (Harrison Cook, ECMWF) • How would you use a "WeatherGenerator" (Sebastian Hickman, ECMWF) <p style="text-align: center;">Additional group formation and more in-depth discussions / problem solving</p> <p>C) AI techniques, standards & quality (AI/ML, data standards, interoperability, trust, quality, confidence or service integration)</p>
15:30 - 16:00	Coffee and continued interest group discussions

16:00 - 16:30	User needs & co-design suggestions <i>collecting points raised and discuss feasibility</i>
16:30 – 17:00	Group discussions
17:00	End of Day 1

Day 2, 9 June

On this day the venue is [Maison de la Poste](#), Tour & Taxis in Brussels

09:00 - 10:30	Continue interest group discussions and working on solutions
10:30 - 11:45	Presentations by participants <i>What did I learn, this worked well ... ? I was missing ... ? How did it address my problem ? I found a solution for ...</i>
11:45	Lunch
13:00	Start of User eXchange