







Industrial Alliances

Joint action for a green and digital Europe

25 October 2023 08:30-09:45 CET

Online

Agenda

- 1. News from the European Cluster Collaboration Platform

 Nina Hoppmann, Team Member, European Cluster Collaboration Platform
- 2. Introduction to the Industrial Alliances **Szilvia Szekely**, DG GROW, European Commission
- 3. European Alliance for Industrial Data, Edge and Cloud **Aleksandra Częścik**, DG CNECT, European Commission
- 4. European Battery Alliance

 Matilda Axelson, DG GROW, European Commission
- 5. Alliance for Zero-Emission Aviation **Jean-Pierre Lentz**, DG DEFIS, European Commission
- 6. Renewable and Low-Carbon Fuels Value Chain Industrial Alliance Michal Kubicki, DG MOVE, European Commission
- 7. Circular Plastics Alliance **Laure Baillargeon**, DG GROW, European Commission
- 8. Q&A
- 9. Funding opportunities

 Nina Hoppmann, Team Member, European Cluster Collaboration Platform





Housekeeping rules

Zivile Kropaite, presenter

- We will use slido to launch polls. Please scan the QR code to answer.
- Please use the Zoom Q&A function to ask questions, and the chat function to comment or share links
- If you want to speak: Please raise your hand and we will give you the floor.
- Please note that the session is being recorded and that the recording will be published on the European Cluster Collaboration Platform.





NEWS FROM THE EUROPEAN CLUSTER COLLABORATION PLATFORM





Public consultation: Reporting requirements for businesses and Member States to reduce administrative burden

The Commission is seeking feedback, ideas and input from EU businesses and Member States on which reporting requirements originating from EU legislation are considered as the most **burdensome** in terms of the **time** it takes to fulfil them, the **costs** associated with them and the overall **difficulty** in meeting the requirements.

The Commission is also looking for your **suggestions** for **rationalisation**, **modernisation or optimisation**.

Contribute to the consultation until end of November via the Make a suggestion: Portal.

More information on the consultation process can be found here: Have your say: Simplify!.





Ukraine Green Recovery Conference

The European Commission will host a <u>four-day conference</u> in **Vilnius, Lithuania,** on the Green Recovery in Ukraine from 28 November – 1 December 2023. The Conference aims to offer all key stakeholders a holistic approach to the green recovery and reconstruction of Ukraine.

The conference is split in 2 segments:

Policy segment, 28-29 November

Focus on policymakers and civil society, setting out the overall challenges and addressing the main policy support measures to the green reconstruction of Ukraine

Business segment, 30 November – 1 December

Circular Economy Conference and business matchmaking, siness angle to introduce specific, applicable solutions, discuss systemic barriers to the deployment of a more circular and greener economy, and connect companies from the EU and Ukraine





Join Clusters meet Regions!

The objective of the 'Clusters meet Regions' events is to facilitate the implementation of good practices where clusters play an active role in regional economies and are **drivers for economic transition**, and to create and promote **collaborations between clusters and regional stakeholders** for the industrial development of the regions.

All event will also have matchmaking sessions!

- Düsseldorf, Germany 8-9 November 2023; registration open
- Iași, Romania 21-23 November 2023; registration open
- Kraków, Poland 11-12 December 2023











Feedback survey for ECCP users

Please share your opinion!

We are constantly looking for ways to improve our ECCP activities to best suit the needs of our community. As such, we kindly ask for your **feedback** on some key features and its utility.

https://ec.europa.eu/eusurvey/runner/ECCP_users

The European online hub for industry clusters

Strengthening the European economy through collaboration



Map industrial clusters and find partners

per country, region, sector or industrial ecosystem

Explore

Our services

The services of the European Cluster Collaboration Platform to support your work



EUCLUSTERS TALKS*











Clusters meet Regions

Join clusters and policymakers in the local, regional, and national level and work on strengthening the industrial ecosystem of regions.

EU Clusters Talks

Your weekly opportunity to exchange knowledge and discuss topics significant to the EU business community

EU Clusters Matchmaking Events

Team up with other cluster organisations from Europe and third countries and find new collaboration opportunities at dedicated matchmaking events.

C2Lab

Interactive workshops for cluster organisations, companies, and other interested entities to meet up, establish new collaborations and develop project roadmaps.

Cluster Booster Academy

Join our Cluster Booster
Academy, meet other cluster
managers and learn how to
further develop your cluster
and overcome challenges in
your daily world

Green Transition Support

Connect with other businesses in the green transition, and get practical knowledge, tools and information you need for your

Trend Universe

A strategic foresight instrument which allows you to get a deeper understanding of future trends and their impact on your cluster organisation.



Introduction to the Industrial Alliances

Szilvia Szekely

DG GROW, European Commission





EU industrial alliances – overview

https://single-market-economy.ec.europa.eu/industry/strategy/industrial-alliances_en

Name	Status	Members
European Battery Alliance (EBA)	Launched in 2017	Over 700 industrial and innovation actors
Circular Plastics Alliance (CPA)	Launched in 2018	 310+ signatories Proposed pathway to reach the 10 million tonnes target
European Raw Materials Alliance (ERMA)	Launched in 2020	Over 1,500 individuals from around 600 organisations and 50 different countries
European Clean Hydrogen Alliance (ECH2A)	Launched in 2020	1343 industry stakeholders (SME, mid-cap company, large company, business association, financial institution, association), 117 research institutions, 87 regional/ national authorities, 28 civil society organisations/ trade unions, and 91 members classed as "other" (typically port authorities, standards bodies, or other industry bodies). The Alliance also includes 117 members from the EEA/EFTA and the Eastern Neighbourhood.
Alliance on Processors and Semiconductor Technologies – <i>Not yet active</i>	Launched in 2021	Over 100 membership applications have been received so far
Alliance for Industrial Data, Edge and Cloud	Launched in 2021	52 industry stakeholders (including Edge and Cloud providers, solutions integrators and Security and Defence solutions providers) and 27 Member State public authorities
Renewable and Low Carbon Fuels Value Chain Alliance	Launched in 2022	223 members admitted as of 15/09/2022 (businesses, NGOs, Member States)
Alliance on Zero Emission Aviation	Launched in 2022	Around 150 members from across the whole ecosystem, with over 120 headquartered in the EU, the rest outside
EU Solar PV Industry Alliance	Launched end of 2022	Around 100 member organisations, including private enterprises across the whole solar PV value chain, research and technology organisations, trade associations as well as regional and local authorities

European Alliance for Industrial Data, Edge and Cloud

Aleksandra Częścik

DG CNECT, European Commission







European Alliance for Industrial Data, Edge and Cloud

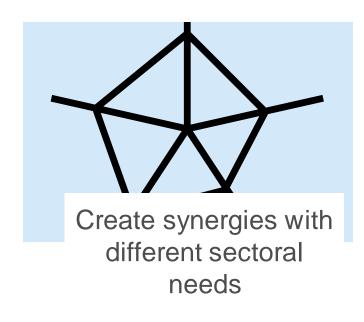
Presentation for the European Clusters

Aleksandra Częścik, Cloud & Software, DG CNECT

Alliance's Objectives and Tasks

- A stakeholder platform to strengthen the EU's industrial position in next generation cloud and edge infrastructure and services to serve the needs of processing (highly) sensitive data
- Meeting the Digital Decade targets by 2030 (10 000 climate neutral and highly secure edge nodes across the EU, 75% of EU businesses using cloud solutions)
- 53 industrial members and 27 Member States













wide range of stakeholders that are prepared to work together and advance towards achieving the key objective to strengthen EU's position on the next generation of cloud and edge

The Alliance will complement other forms of research, commercial and policy cooperation, consultation and exchange in the field, among different constellations of



Alliance's structure

Cloud and edge



Aeronautics, security and defence



Member States Cloud Cooperation Group (MSCCG)



Alliance Forum





European Alliance for Industrial Data, Edge and Cloud

53 Members as of 23/10/2023

3DS Outscale

Abilian

Airbus

Amadeus IT Group

Arsys Internet

Arthur's Legal, Strategies and Systems

Aruba

Atos

Bit4id

Capgemini

Clever Cloud

CloudFerro

Dassault Aviation

Dassault Systèmes

DATA4

Deutsche Telekom

Docaposte

Ericsson

Fabasoft

Fraunhofer ISST

Fredenheim Green Al Cloud

German Edge Cloud

GIGAS

Global Digital Management Solutions

Indra

IONOS

IRIDEOS

Jotne KPN

Leaseweb

LEET Security

LEONARDO

LINAGORA

Luxembourg House of Cybersecurity

Nokia

OpenNebula

Orange

OVHcloud

ReLOG3P

Reply spa

Retelit

SAP

Scaleway

SecureAppbox

Seetalabs

Siemens

Sopra Steria

SWD Dormagen

Telefónica

Tietoevry

TIM TNO



If interested:

- https://digital-strategy.ec.europa.eu/en/policies/cloud-alliance
- EU-CLOUD-ALLIANCE@ec.europa.eu



Thank you



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European Battery Alliance

Matilda Axelson

DG GROW, European Commission







European Battery Alliance EU Clusters Talk on Industrial Alliances 2023.10.24

Matilda AXELSON

Policy Officer

Green and Circular Economy unit (GROW-I3)

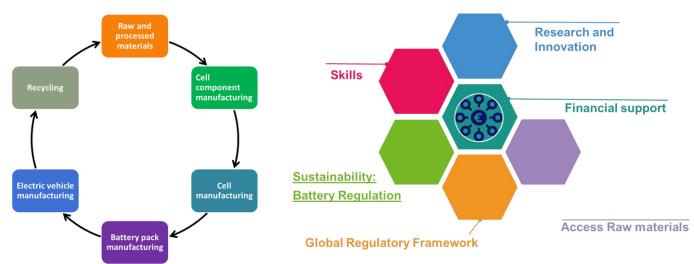
Directorate-General for Internal Market,

Industry, Entrepreneurship and SMEs

EU Clusters Talk on Industrial Alliances, 25 October, 8:30 - 9:45

European Battery Alliance – Launched 2017

- Aiming to establish a complete, competitive and sustainable battery value chain in the EU, with spillover effects over upstream and downstream industries.
- Bringing together Member States, Industry, Commission services, Investors and Innovation actors.



- Research and Innovation €270 million awarded for 40 projects under Horizon 2020, and €925 million supporting a Battery Partnership under Horizon Europe.
- Skills launch of an Erasmus+ Blueprint Skills Programme for Batteries, ALBATTS.
 The EBA Battery Academy delivering training through local professional trainers.
- Important Project of Common European Interest (IPCEI) Two battery IPCEIs launched 2019 and 2021, together involving nearly 60 companies from 12 Member States, underpinned by EUR 6.1 billion in State aid and EUR 14 billion in private sector investment.

European Battery Alliance



Overview of the current European battery ecosystem

Battery Alliance European



EBA250

EUROPEAN

BATTERY

ALLIANCE

EU and Member States providing the supportive framework

The industrial
workstream of the
Battery Alliance led by
EIT Innoenergy

- EU = Strategic Action Plan on Batteries
- EU = Sustainable Batteries Regulation
- Other legislative & funding initiatives at EU and national level



- Open and inclusive platform for the entire battery ecosystem
- Policy insight
- Accelerating battery projects

Business Investment Platform

Selection of EU and National R&I Networks and initiatives



- Batteries R&I strategies and short to medium term technology roadmaps
- Coordination of battery initiatives
- Drive forward SET-Plan action on batteries



- A network of research institutions and industry
- Long-term technology roadmap
- Coordination of European R&I projects implementing the roadmap

Horizon Europe R&I programmes

Downstream & complementary European Partnerships

Other Horizon Europe R&I activities

Member State-led IPCEIs: R&I and first industrial deployment

Interregional partnership on advanced battery materials

National and private-funded R&I activities

battery value chain! new market worth 250B€/year in 2025 sustainable and Capture a competitive

> European Commission

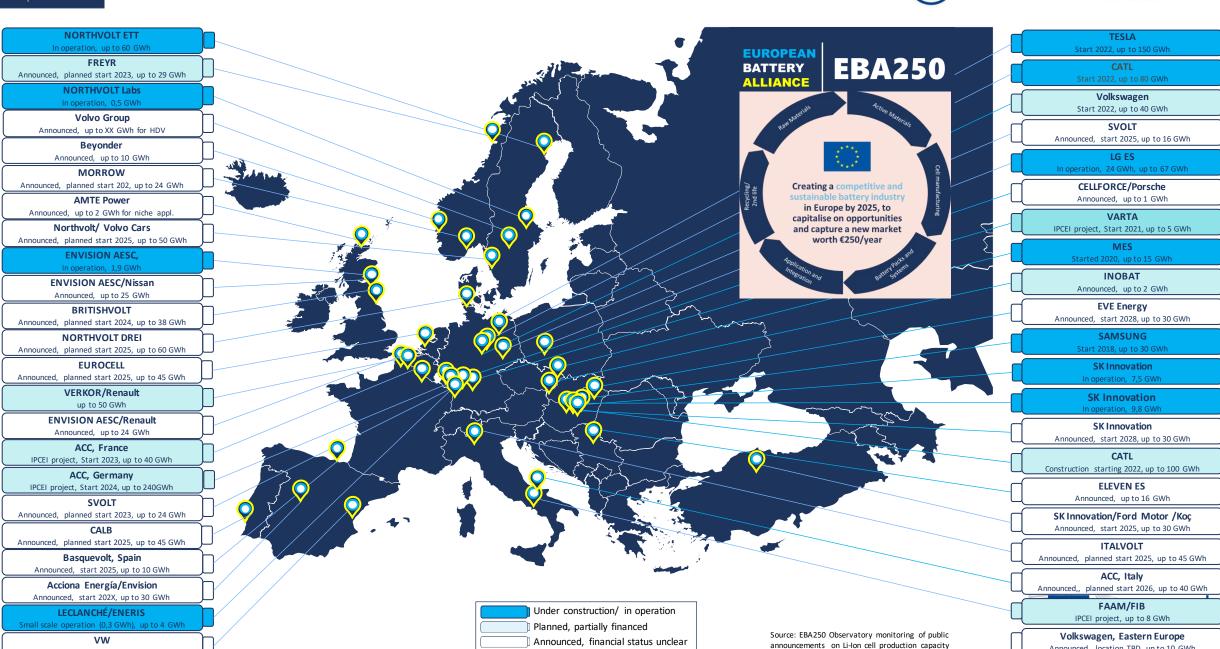


Announced, up to 20 GWh

EBA250 Selection of ongoing and planned lithium battery cell factories in Europe



Announced, location TBD, up to 10 GWh



Alliance for Zero-Emission Aviation

Jean-Pierre Lent

DG DEFIS, European Commission







Short presentation

Cluster Talks - 25 October 2023



AZEA was launched in June 2022 as an open platform gathering private and public stakeholders to



prepare the aviation ecosystem for the entry into service of electric and hydrogen aircraft to deliver environmental, societal and industrial benefits:

- Support the EU aeronautics industry who invests in developing zeroemission aircraft and maintain a competitive and sustainable aviation sector
- Support EU climate objectives by contributing to
 - the decarbonisation of intra-EU flights
 - the emergence of a new sustainable regional air mobility offer

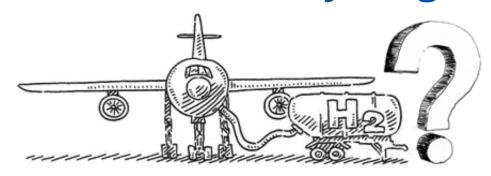
Note:

Alliances are forum of **technical nature** aiming, in particular, at identifying barriers and promoting investments.

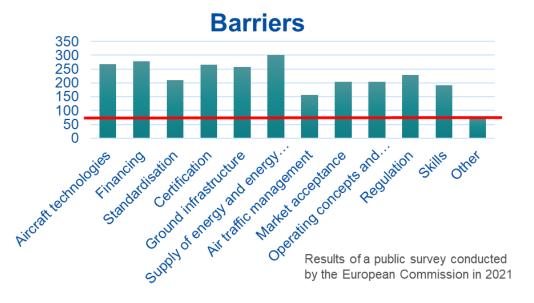
They are not a consultation or a lobbying body.



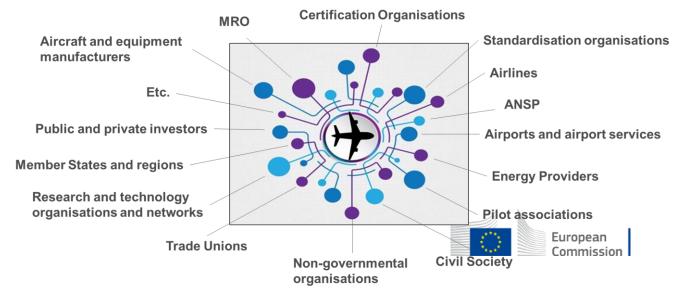
The aviation ecosystem is not ready for commercial exploitation of electric and hydrogen aircraft



Many barriers exist



Addressing them requires bringing together many different stakeholders, including beyond aviation, in a coordinated way

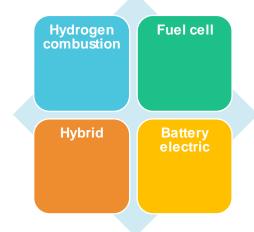


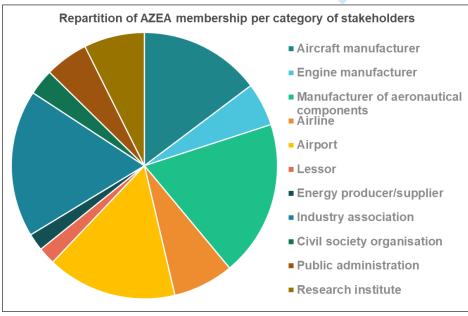


AZEA has an open membership

- Open to all actors willing to work together to prepare the market for commercial operations of electric and hydrogen aircraft
- **○** Limited number of eligibility criteria (as per <u>ToR</u>):
 - 1) Be a legal entity
 - Commit to the objectives of the Alliance by signing the <u>Declaration</u>
 - 3) Have activities relevant to the objectives of the Alliance
 - Provide a description of your (potential) involvement in operations of electric and hydrogen aircraft
 - 4) Abide by the rules set in the <u>Terms of Reference</u>
 - 5) No conflict of interests with the objectives of the Alliance











AZEA core tasks

Analyse

- Identify all barriers and gaps (including policy and regulatory needs)
- Define requirements for the entryinto-service of electric and hydrogen aircraft (energy, infrastructure, etc.)
- Identify the actions required to overcome barriers
- Identify investments needs

Connect

- Promote investment projects and connect them to financing partners
- Foster partnerships and maximize synergies across the ecosystem and beyond
- Create the necessary momentum amongst stakeholders
- Outreach and International partnerships



(adhoc Working Groups)

Roadmap for the introduction of electric and hydrogen aircraft (update and monitoring)

Support INVESTMENTS projects, foster PARTNERSHIPS and develop other ACTIONS

Recommend

Establish and follow up of a **Roadmap**:

- ❖ Based on a **roll-out scenario** for zero-emission aircraft
- Defining priorities and milestones
- Providing clear objectives and actionable recommendations to support all investments required and address barriers identified (legislation, standardisation, operations, skills, etc.)
- Serving as a reference to support the coordinated actions required by the different actors involved





Next steps

Establish a 'Vision' that

- represents the ambition of the sector in terms of deployment of these aircraft at airports across Europe and the related energy and infrastructure requirements
- is widely shared within the ecosystem
- helps create a momentum to guide the different actions required by each stakeholders
- and enables the Alliance to derive the actions to undertake and the recommendations to issue in order to make the Vison a reality.

Section Establish a Rodmap that

- Defines, based on the Vision, the actions necessary to remove the obstacles identified and issue recommendations
- Enables the monitoring of the progress made in the different areas identified.

⇒ Identify actions that can be implemented by AZEA

Financing, reach out to MS, etc



Thank you



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Renewable and Low-Carbon Fuels Value Chain Industrial Alliance

Michal Kubicki

DG MOVE, European Commission







Renewable and Low-Carbon Fuels Value Chain Alliance

Michał Kubicki

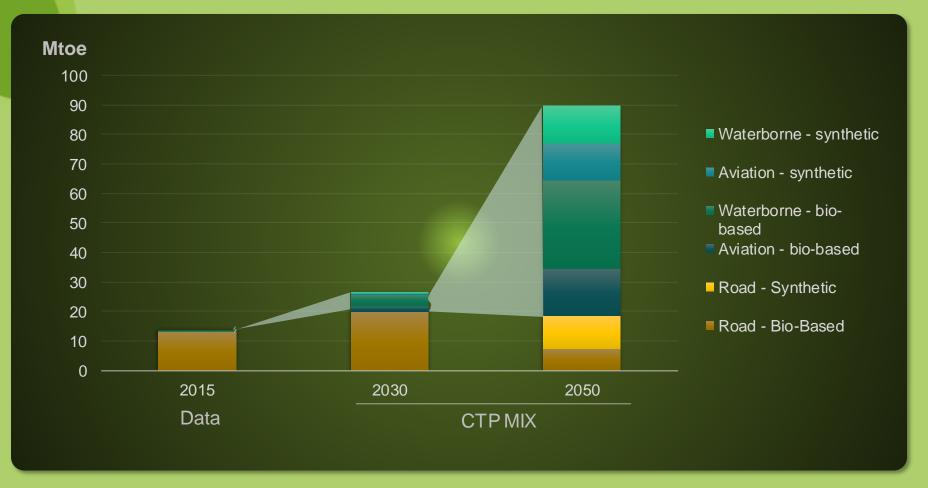
DG MOVE



RENEWABLE AND LOW-CARBON FUELS VALUE CHAIN ALLIANCE



Evolution of drop-in fuels demand in road, aviation, waterborne by 2050 CTP MIX scenario





RLCF Alliance At Glance

Objectives

Tackling the lack of availability and affordability of renewable and low-carbon drop-in fuels for aviation and waterborne transport



- Rapidly boost production, storage and distribution capacity of these fuels without compromising access of other transport sectors
- Support implementing mandator blending quotas in FuelEU maritime and RefuelEU Aviaton

Tools

- 4 Roundtables
- Workstreams
- Workshops
- Databasle of projects
- Matchmaking

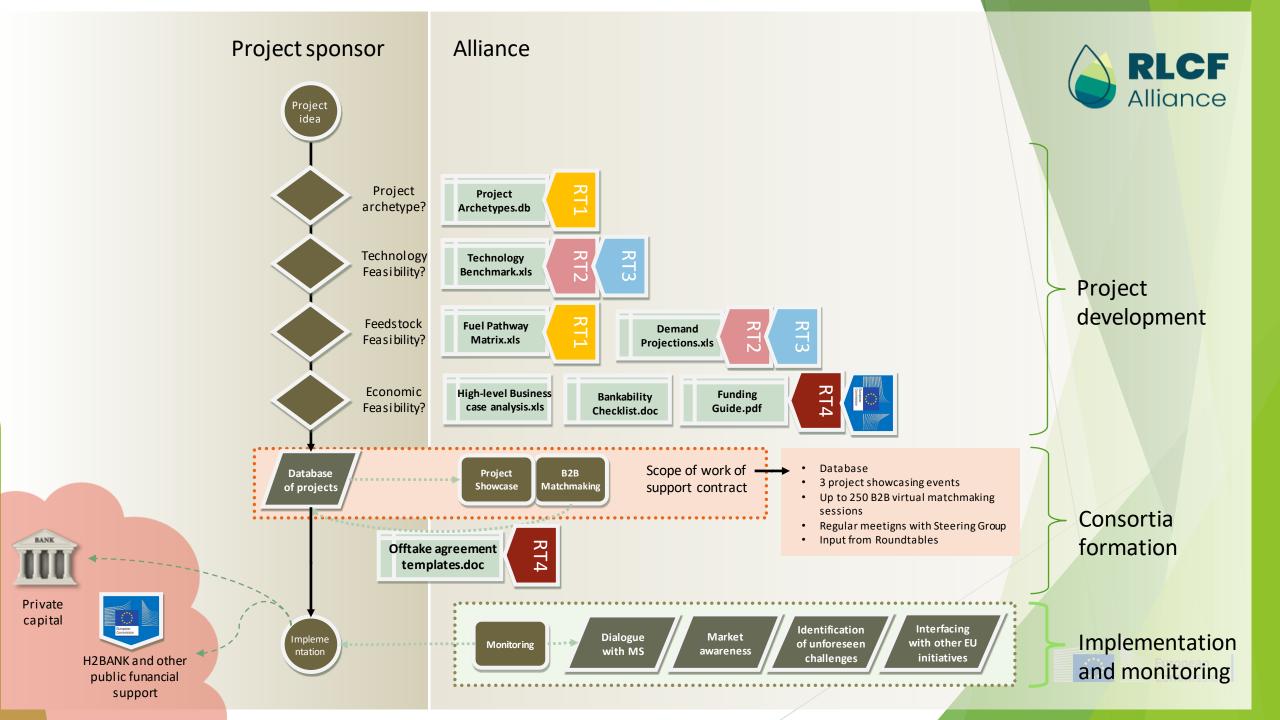
Members

- ▶ 233 Members
- Continous call for members
- Open to any company/stakholder regardless of location
- ▶ EU transporarency register

Deliverables

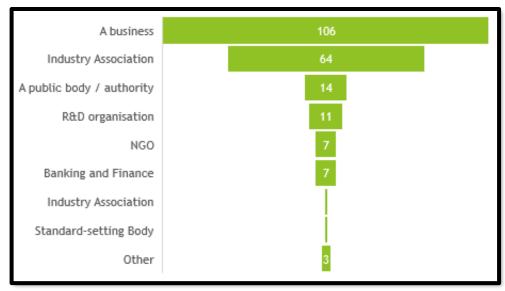
- Funding Guide
- Fuels pathways benchmark
- Fuel Demand models
- Busienss Model Archetypes
- Project Pipeline
- Opportunities for JDA among members
- Improved FID ratio

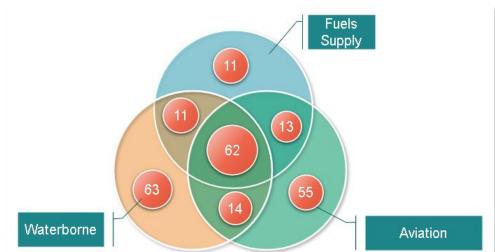






233 Members:



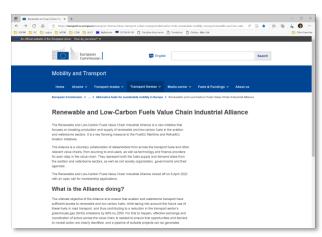






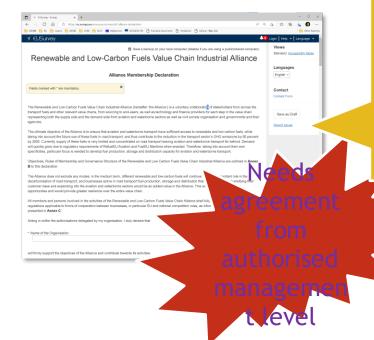
How to apply:







Fill in and submit the alliance declaration







Wait for a letter of confirmation from COM

Alliance declaration includes:

- 1. Main commitment page
- 2. Annex A: Motivation
- 3. Annex B: Alliance TOR
- 4. Annex C: Competitiveness guidelines

RLCF Website:

https://transport.ec.europa.eu/transport-themes/clean-transport-urbantransport/alternative-fuels-sustainable-mobility-europe/renewable-and-low-carbon-fue alue-chain-industrial-alliance en



Circular Plastics Alliance

Laure Baillargeon

DG GROW, European Commission







The Circular Plastics Alliance

EU Clusters Talk

Laure Baillargeon, unit GROW i.3, policy officer

330 signatories along the plastics value chain













PlasticsEurope



BRANDS/SECTORS

Automotive CLEPA, ACEA

Construction EPPA-profile, TEPPFA, ERFMI, ECRA

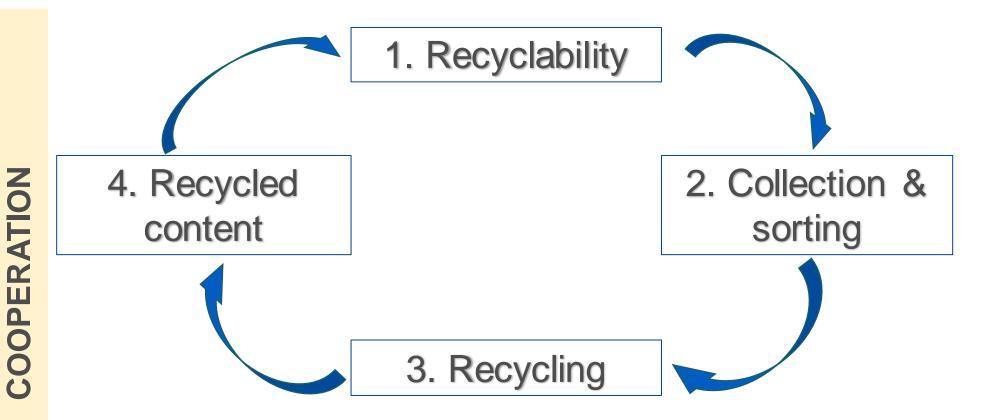
Packaging EUROPEN

EEE Orgalim, DigitalEurope, AppliA

Agriculture APE Europe

Polymers: PET (Petcore), Polyolefins (PCEP), PVC (Vinylplus), PS (Styrenics Circular Solutions) and EPS (EUMEPS)

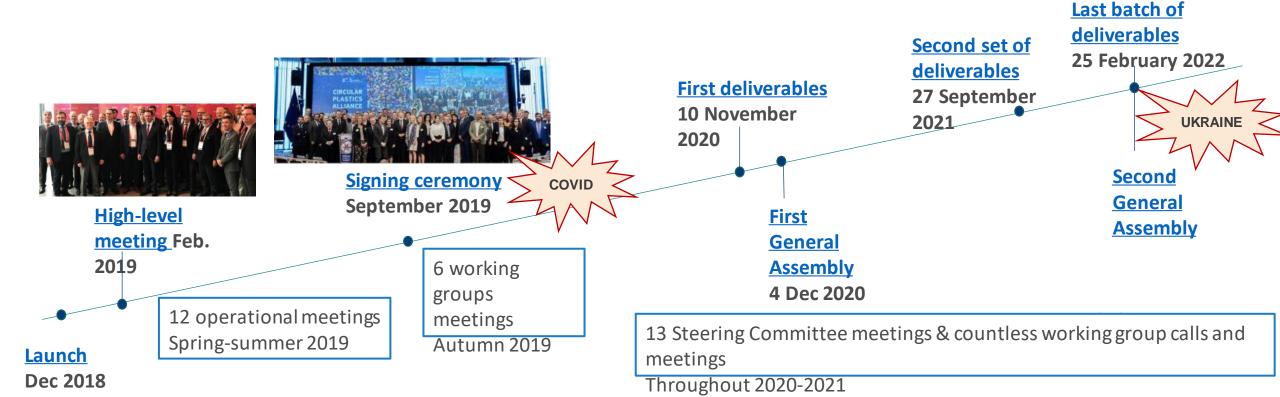
Systemic change along the plastics life cycle





CPA: what has it delivered?

- Worked intensively despite challenging conditions
- Delivered 90% of the commitments in its initial declaration



What's next?

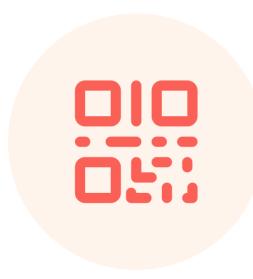
- Visit of industrial sites
- Chemical recycling
- Plastic waste collection & sorting local events
- AOI



Thank you



slido



Join at slido.com #IndustrialAlliances

slido



What are for you the most critical challenges that could be addressed by initiatives like the Industrial Alliances?

Q&A





FUNDING OPPORTUNITIES





Industrial leadership in AI, Data and Robotics boosting competitiveness and the green transition (AI Data and Robotics Partnership)

- Projects should contribute to one of the two following outcomes, exclusively:
 - The creation of systems to address large scale challenges using combined robotics data and AI solutions that have significant impact on the objectives of the green deal. For example, in improving domestic energy consumption or in the cleaning up of contaminated land and waterways or in accelerating the circular economy along the complete value chain through automated waste avoidance and waste processing or reuse of materials.
 - The creation of systems to address large scale resource optimisation challenges using combined AI and Data solutions, that have significant impact on the objectives of the green deal, such as optimisation of any kind of resources, from production to use along the complete value chain in order to minimise waste or foster the reuse of resources or in using AI and data solutions to maximize energy efficiency, ensuring energy security.
- Deadline: 19 March 2024
- HORIZON-IA HORIZON Innovation Actions
 Topic ID: HORIZON-CL4-2024-DIGITAL-EMERGING-01-04
- Published on <u>Funding & Tenders Portal</u>





Development of technical and business solutions to optimise the circularity, resilience, and sustainability of the European battery value chain (Batt4EU Partnership)

- Project results are expected contribute to all the following outcomes:
 - A European economic base which is stronger, more resilient, competitive and fit for the green and digital transitions, by reducing strategic dependencies for critical raw materials by **promoting a circular approach** to manufacturing and resource efficiency.
 - Advancing circular and sustainable design and **business practices** relating to advanced batteries and associated value chains.
 - Improving the life cycle sustainability performance of batteries produced in the EU.
 - Enhancing **European strategic independence** in terms of battery raw materials, the competitiveness of European industry, and maximising socio-economic benefits at the EU level and beyond.
 - Supporting the achievement of established EU recycling efficiency targets for 2030 and beyond.
- Deadline: 18 April 2024
- HORIZON-RIA HORIZON Research and Innovation Actions Topic ID: HORIZON-CL5-2024-D2-01-03
- Published on <u>Funding & Tenders Portal</u>





Online Info Session on the I3 Instrument Call "Strand 2b Capacity Building in Less Developed Regions"

- On 23 November 2023, EISMEA and DG REGIO will organise an informative session about the Interregional Innovation Investments (I3) Instrument call for proposals "Strand 2b - Capacity Building in Less Developed Regions".
- The call will be launched on 15 November 2023 and will have two cut offs: on 15 February 2024 and 14 November 2024.
- Register for the Info Session:
 https://ec.europa.eu/eusurvey/runner/l3infoday







Opportunities for SMEs: Calls from Euroclusters



- <u>AIBC</u>: Open Call for digitalisation services and product development targeted at European SMEs from the manufacturing, mobility, logistics and energy sectors, working on the AI & BC technologies and/or interested in adopting AI & BC solutions; deadline 16 January 2024
- <u>CircInWater:</u> Knowledge lump sum is willing to boost SMEs' development or growth by facilitating **access to external training or consultancy services**; meant for an individual SME that is offering **water-smart solutions**, especially for the agrifood & energy-intensive industries; deadline 2 October 2024
- DESIRE: Innovation and internationalisation of e-Health solutions; deadline 13 November 2023
- <u>E-Boost:</u> Five calls to identify product innovations to reduce dependency on critical inputs and technologies in the E-BOOST value chains, to introduce new-to-firm products or services, and to engage actors from regions with different levels of economic development; targets are SMEs from the **mobility** ecosystem
- <u>EPICENTRE</u>: Support via mentoring, coaching and training for SMEs from **Digital and Fintech to Health and Agri-food** sectors; deadline 5 December 2023.
- <u>EuroBoosTEX:</u> Grant for **textile** SMEs to innovate through technologies and **adapt business processes** to enable the green and digital transition; deadline 8 November 2023
- <u>FRIEND CCI</u>: Call for **providers** offering solutions in **digitalisation**, **greening**, **and internationalisation** to collaborate with **Creative and Cultural** SMEs for the realization of funded projects; deadline 1 August 2025
- <u>GEMSTONE</u>: Financial support for **manufacturing, technology and solution providers SMEs**, and in particular industrial equipment and tool providers, for implementation of a new green technology, service, product or business production process in a real operational environment; deadline 31 October 2023
- <u>GEMSTONE:</u> Financial support for **training** related to **Green Manufacturing**; deadline 31 December 2024





Opportunities for SMEs: Calls from Euroclusters



- <u>INGENIOUS</u>: **Internationalisation** grant for SMEs operating in **energy-intensive industries** to develop activities related to Africa, Asia, North America and Latin America; deadline 30 September 2024
- <u>INGENIOUS</u>: **Training** grants to help SMEs improve their digital skills, green transition, resilience preparedness and reskilling and upskilling of the workforce; deadline 14 February 2025
- <u>METASTARS</u>; Call for **innovation services** for green technology development, digitalisation, upskilling and reskilling, internationalisation, and information security systems for SMEs from the **aeronautics**, **space**, **defence and ICT sectors**; deadline 31 December 2023
- POLREC: Innovation open call aims to support SMEs by funding their **polymer recycling** projects; deadline 31 October 2023
- <u>RESIST</u>; 2nd **Innovation** Open Call for improved technologies and processes in production in the **Automotive Mobility Transport** ecosystem; deadline 12 December 2024
- RESIST: Networking and marketing FSTP for SMEs from the Automotive Mobility Transport ecosystem; deadline 20 December 2024
- RESIST: Internationalisation FSTP for activities in target markets; deadline 20 December 2024
- RESIST: Coaching and mentoring for assessment and feasibility services; deadline 1 November 2024
- <u>SUSTAIN</u>: Financial support to SMEs for developing new products, services or methods addressing the **smart building construction** challenges; deadline 1 November 2023
- All calls here: https://clustercollaboration.eu/open-calls





Come to our C2Lab!

SMEs, clusters, research organisations, social and public entities are invited to join **an interactive workshop** to meet, network, exchange ideas, and initiative new project proposals. Guided by experts on project creation and management, you have the possibility to forge **new alliances and project consortia** for the topic of your interest. You can either join with a concrete project idea or offer your skills and knowledge in new areas.

14-15 November 2023: Vilnius, Lithuania











Register for the next Talks

8 November Clusters4NEB: New European Bauhaus and sustainable construction

15 November Bioeconomy and sustainable food systems

22 November The EU AI Act and generative AI

29 November Green Transition Support

6 December Strategic Technologies for Europe Platform

13 December ECCP activities: wrap-up and outlook





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