

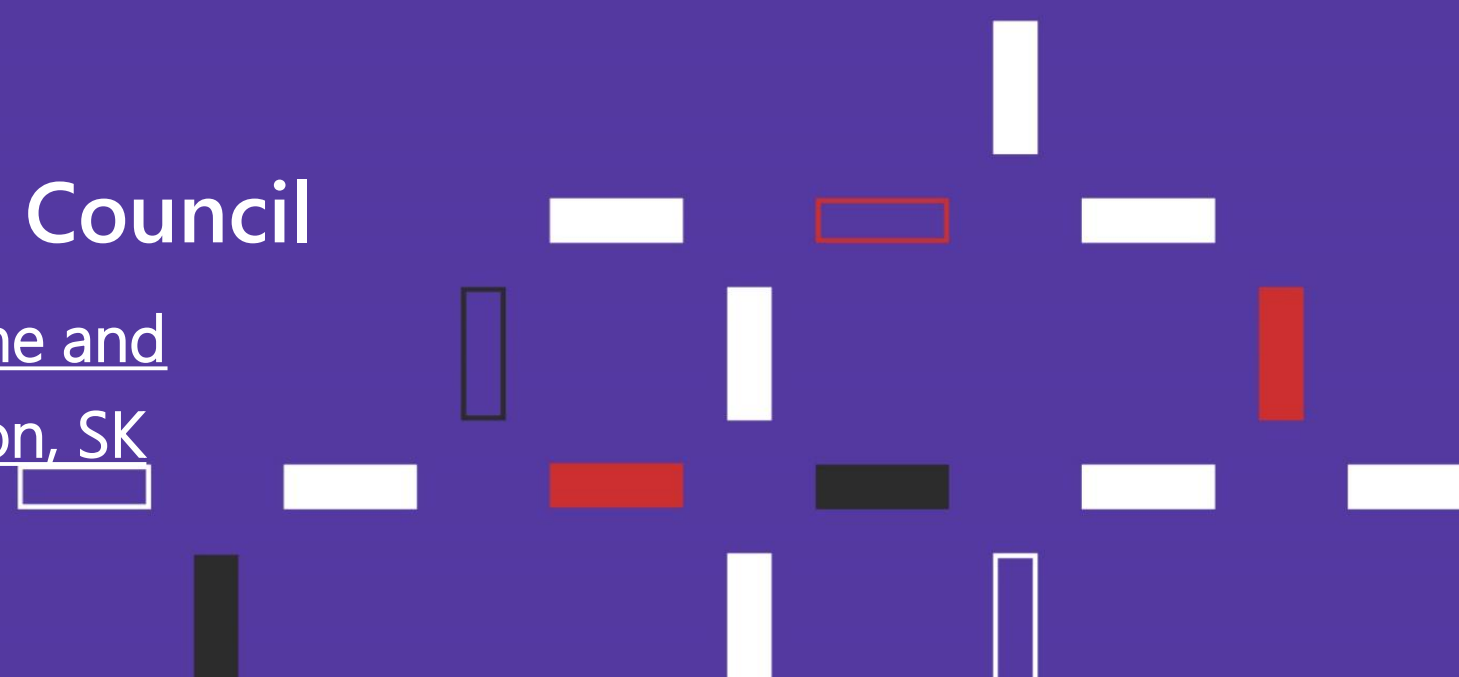


Backing visionary entrepreneurs

The European Innovation Council

Introduction of EIC GHG Programme and
Co-creation with Upper Nitra Region, SK

Exploratory meeting, 2nd February 2022



Who are we?

- The European Innovation Council (EIC) is **Europe's flagship innovation programme** to identify, develop and scale up breakthrough technologies and game changing innovations
- It has been established under the EU Horizon Europe programme in the EISMEA Agency.
- It has a **budget of €10.1 billion** to support game changing innovations throughout the lifecycle from early-stage research, to proof of concept, technology transfer, and the financing and scale up of start-ups and SMEs.

EIC Greenhouse Gas Programme:

European Innovation Council Pilot's contribution towards a Carbon Neutral Europe - Reducing Greenhouse Gas Emissions

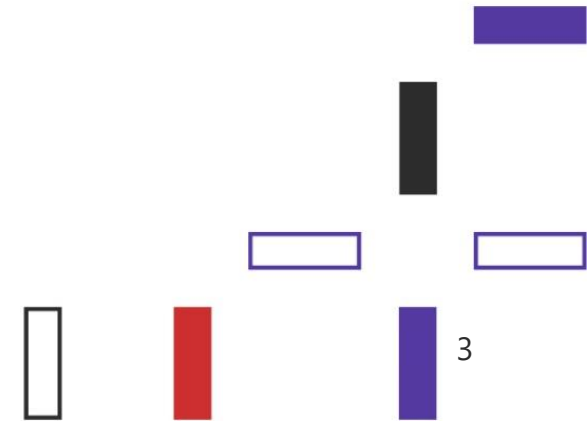
Goals and objectives

To generate the highest possible impact in terms of GHG emissions reduction and business competitiveness

- EIC beneficiaries to reduce GHG emissions of their company/organisation
- EIC beneficiaries to co-create, adapt existing and invent new products and services reducing others GHG emissions

Co-creation
with partners

- . Corporates
- . **Regions in carbon transition**
- . Industrial Associations
- . Other non-EIC SMEs

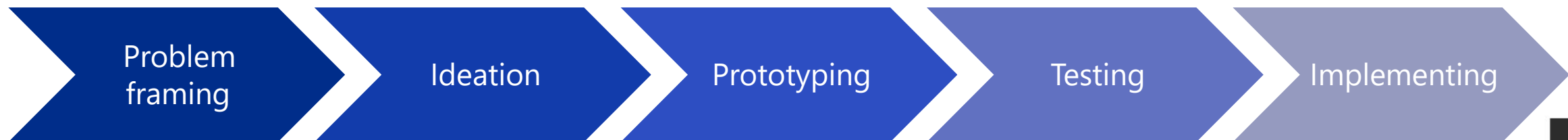




Positioning and focus of the EIC GHG co-creation activities



co-creation
with Partners



Examples of focus/challenge areas:

- Increase resource/energy efficiency
- Improve productivity
- Close production cycles
- Reduce emissions into air, soil, water
- Use of more sustainable materials
- Increase electrification
- Implement renewable energy sources
- ...

The EIC carries the costs of service and organisational effort.

The Business Partners and EIC beneficiary require investment of time and human resources.

What's in the EIC GHG Programme for you and your stakeholders?

- Co-create with **highly innovative** SMEs / start-ups
- Develop **optimised solutions tailored** to your needs
- Be **part of an innovation ecosystem** with more than 6,000 of Europe's most innovative startups and scaleups
- **Save time and money** - create value at the long term:
 - improved energy and resources efficiency
 - anticipation on future regulations regarding sustainability
 - strengthened public reputation
 - Increased business resilience through carbon risk management / EU taxonomy for sustainable activities

EIC SMEs / startups - a highly innovative portfolio

Who will you co-create with?



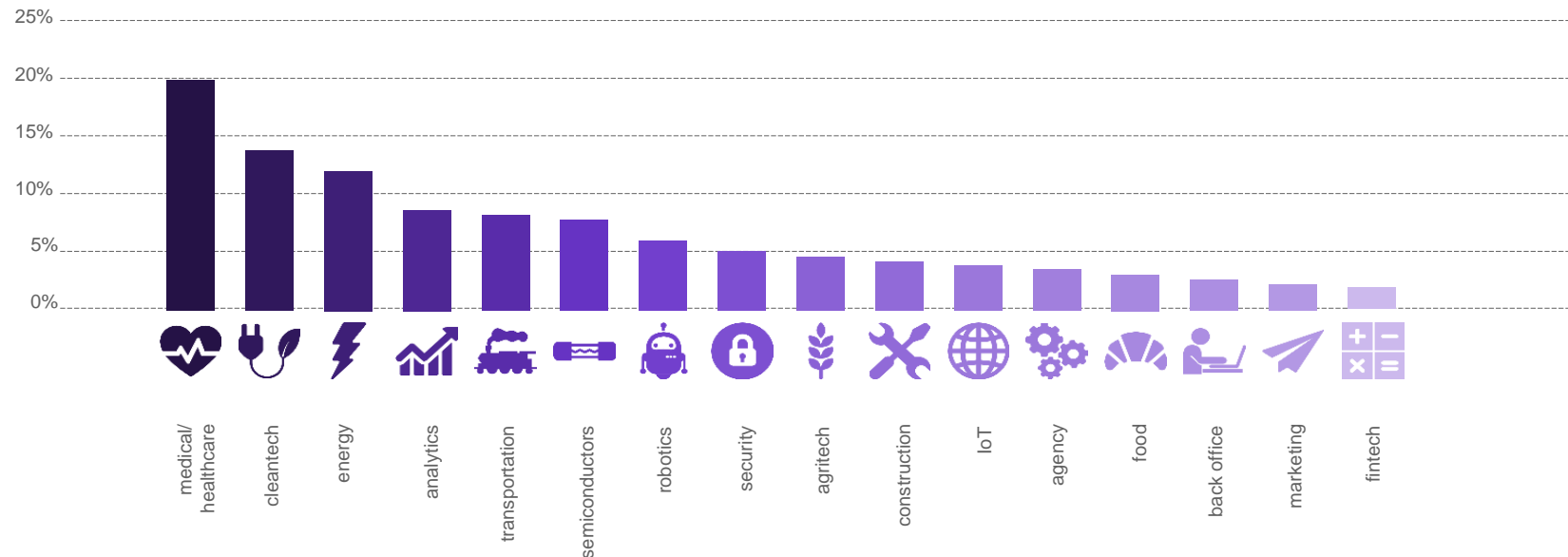
6000+ Innovative startups & scale-ups, researchers and entrepreneurs



4+ Billion in funding



4% - 8% success rate



Portfolio companies database based on [funding instrument](#):

- [EIC Accelerator](#)
- [EIC Transition](#)
- [EIC Pathfinder](#)





Co-creation with Business Partners



EIC GHG: Testimonial Jim Snabe, EIC Advisory Board member

<https://youtu.be/bSP2ixrCAE4>

Involvement of Regions and their stakeholders



Example of involvement

1. Broad priority of the Region, i.e., **Enhancing renewable energy share**
 - a) Solution for decarbonising district heating system... (use case of stakeholder 1)
 - b) Solution for include PV on existing public building via... (use case of stakeholder 2+3)
 - c) Solution for including solar water heating in public swimming pools via... (use case of stakeholder 4)

2. Solutions to implement decentralised electric charging systems for urban mobility.. (use case of stakeholder 1)

} Challenge area


} Concrete challenges/
use cases

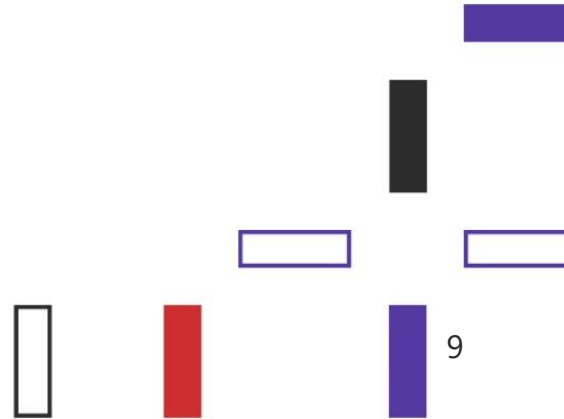
} Concrete challenges/
use cases



Co-creation journey with **Regions**

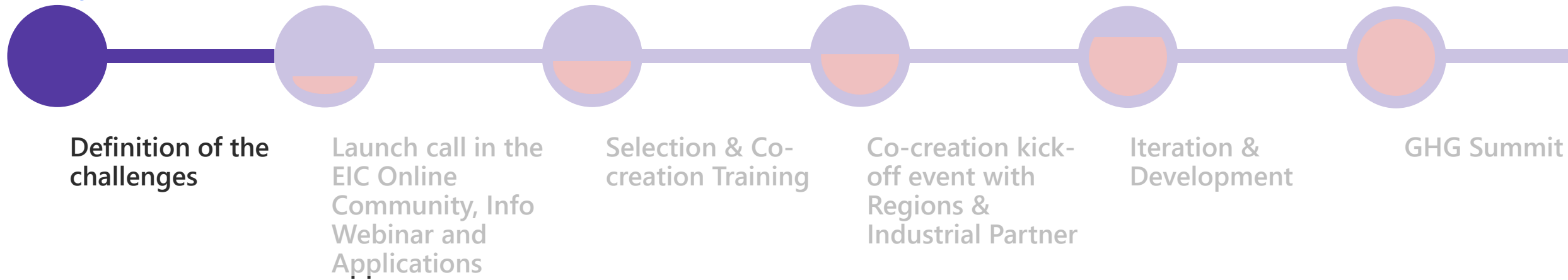


 Regions and Use Case's representatives should be actively involved throughout the process



Co-creation journey with Regions

February 2022



Definition of the challenges

Need for concrete **use-cases** to accelerate the co-development of new or improved solutions. Specific stakeholder should be involved.

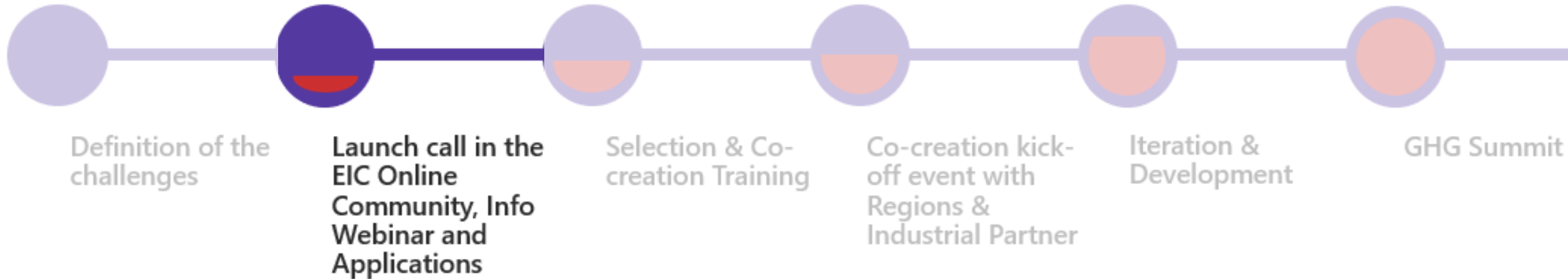
EIC will have to pre-approve the defined challenges.





Co-creation journey with Regions

March - April

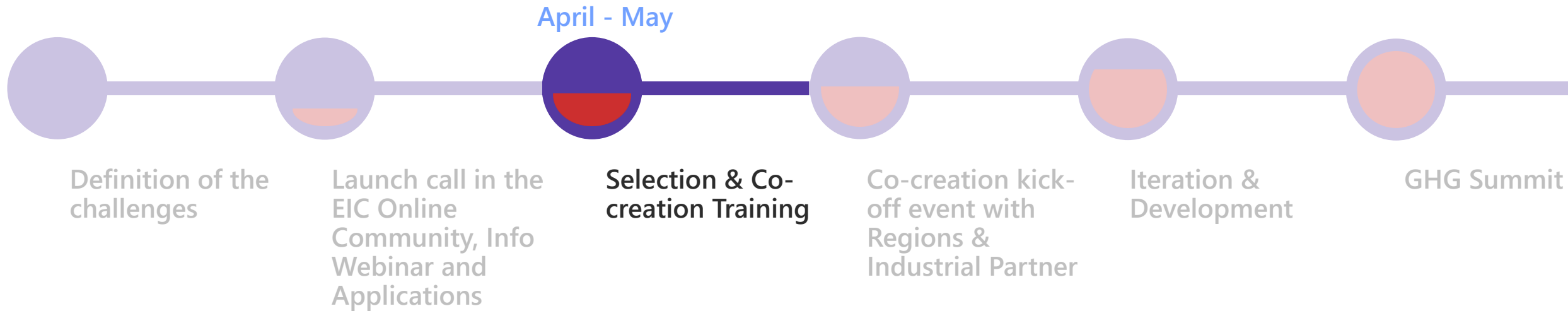


Launch call in the EIC Online Community, Info Webinar and Applications

- Open Call for only EIC companies will have the opportunity to apply to a specific challenge. They will bring innovative technologies to develop new products or / and services in this co-creation process.
- Info webinar to give more details on challenges to applicants (presentations by representatives of Region and involved stakeholder)



Co-creation journey with Regions



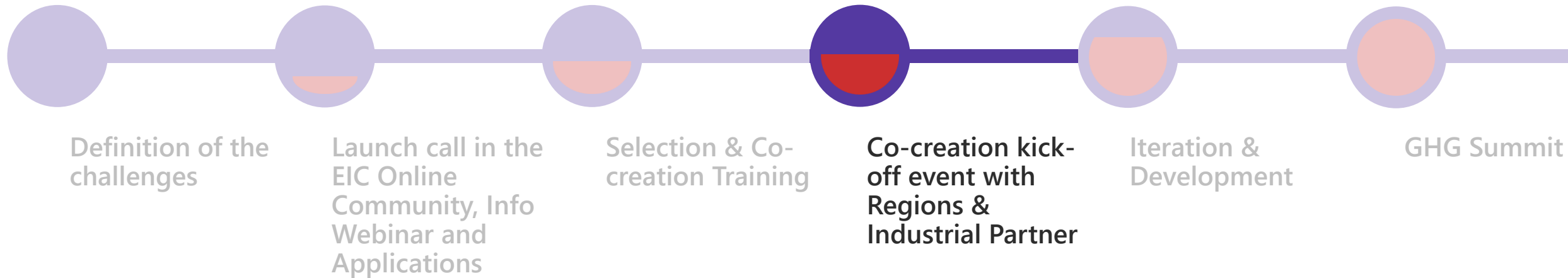
Selection & Co-creation training

- Region's and use case owners'/stakeholders' representatives will examine the applications and select the solutions to bring to this co-creation process. This selection will determinate who will be in contact during the co-creation kick-off event
- EIC beneficiaries will be trained for the co-creation kick off based on Partners' needs and specifications.
- The online EIC Working Group will be made to gather all the co-creators prior to kick-off



Co-creation journey with Regions

22 & 23 June 2022



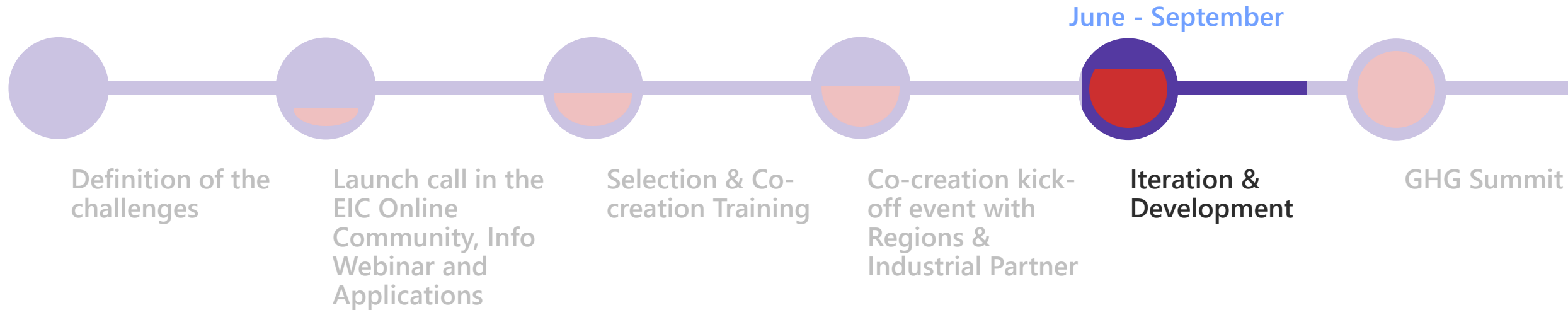
Co-creation kick-off event with Regions & Industrial Partner

A two-day online co-creation event with Partners' representatives and selected EIC companies.

- Manifesto will be co-created to define principles of collaboration through co-creation
- Region's/stakeholders' representatives will provide in-depth info on the challenges.
- One-to-one meetings with selected companies to further exchange information and expectations. The main objective of the meeting is to outline next steps for follow-up activities.



Co-creation journey with Regions

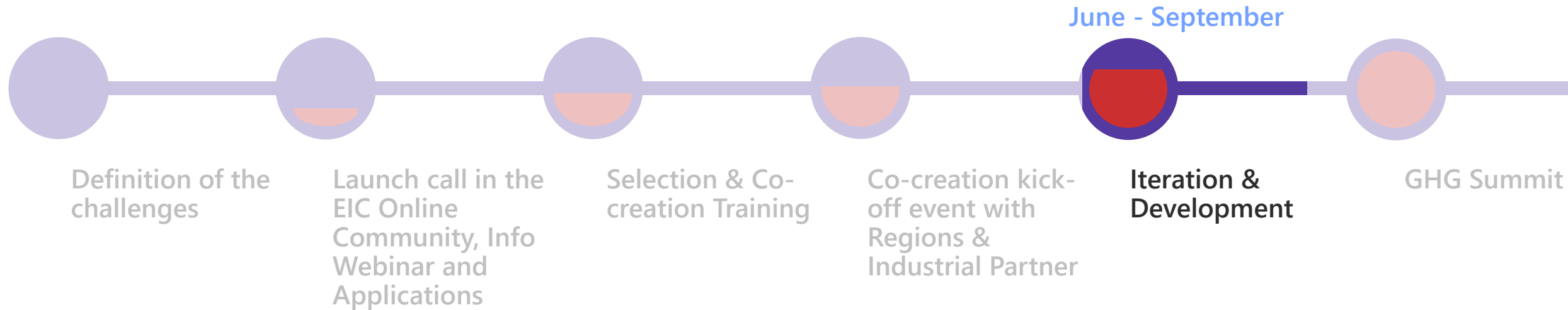


Iteration & Development

- Four months period to work on co-development of solution. EIC beneficiaries will be validating their developments regularly with your representatives ensuring these are steering in the right direction.
- At least one more follow-up meeting to construct feedback whether an EIC beneficiary is a GO, Maybe or a NO-GO is envisioned



Co-creation journey with Regions

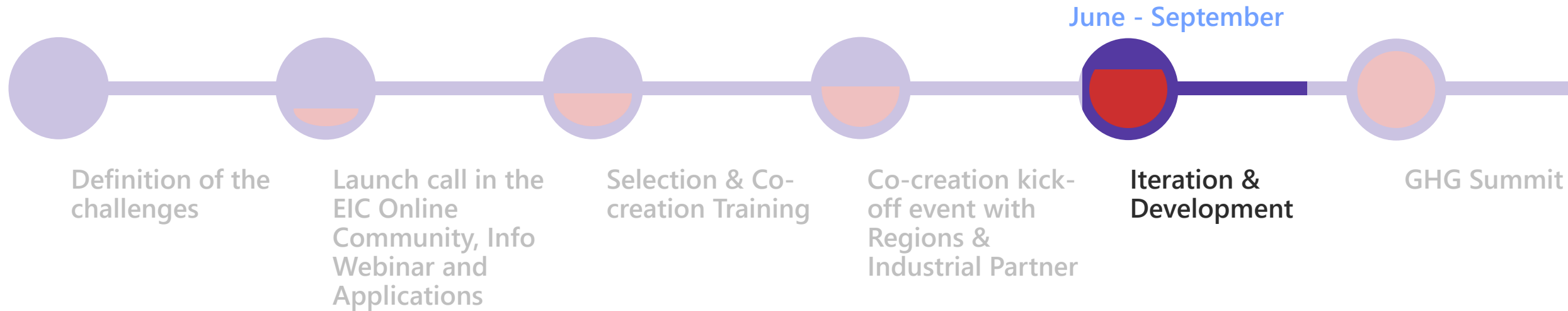


Iteration & Development

- Five weeks after the Kick-off we will request the info on the follow-up meetings and whether you and your members decided which EIC beneficiaries are a GO, Maybe and a NO-GO, after which the NO-GOs will be informed about decision
- For Maybe's and GOs, we will encourage further exchanges and developments. The EIC beneficiaries that continue process will be able to receive support from sustainability, GHG and market experts



Co-creation journey with Regions



Iteration & Development

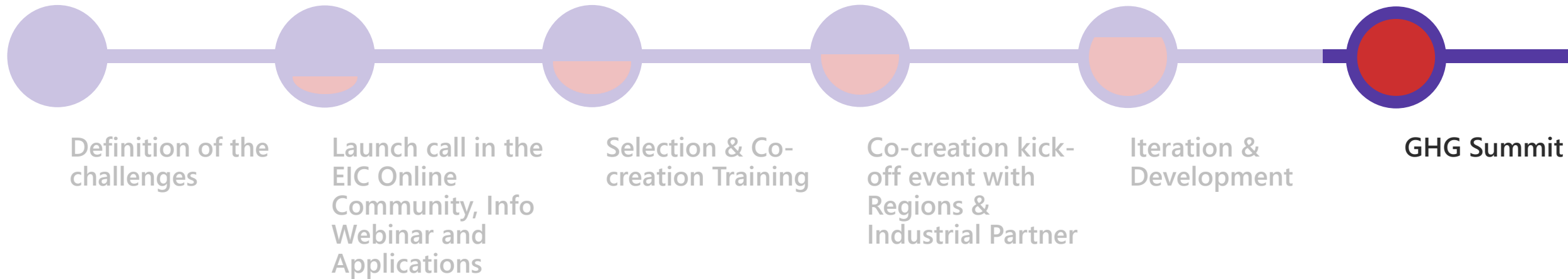
- After 15-16 weeks from the Kick-off, we will request info on the obtained results, concrete smart actions and roadmap on how to plan to proceed in implementation of solution and assess your interest and needs for GHG Summit





Co-creation journey with Regions

November 2022



GHG Summit

- At the end of the journey, we plan to showcase the success cases of partners and EIC beneficiaries involved in the EIC GHG co-creation over the year.
- Other outcomes of the programme will also be showcased (e.g., peer-to-peer co-creation)
- Investors and relevant stakeholders will be invited



The Challenges – Co-creation with **Regions**

Set of characteristics of an ideal challenge:

- **specific:** be very specific about the problem, use examples in which the problem is situated
- **feasible:** pick a (hard) problem that in principle is feasible to fix in relatively short term. Please do not pick problems that require an entirely new regulatory system, outrageous budgets or technology that hasn't been invented yet
- **operational:** choose a problem that you are experiencing in your operations today, not one that you may experience in the future. In other words, if a good solution is available, you would use it today.

How to structure the ideal challenge

- Identify concrete use-cases (with stakeholders) – specific, feasible and operational challenges
- Break down the challenge to be sufficiently clear for the EIC beneficiaries – example:
 - a. Context: i.e., where the solution is needed
 - b. Background: i.e., information to better understand the need
 - c. Specific challenge: i.e., brief description on what is needed, referring to specific technological areas
- Involve representatives that could share valuable insights

The EIC SME-Friendly Principles

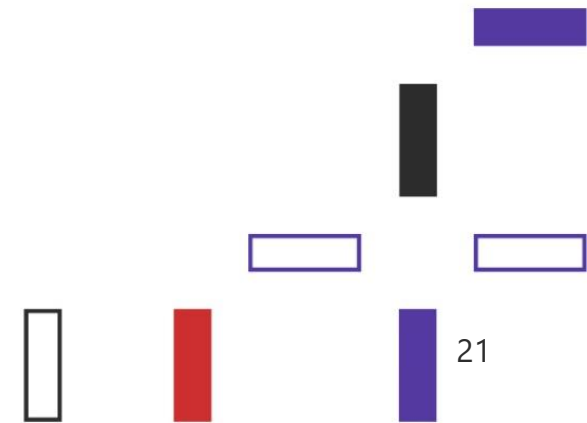
- To ensure a smooth collaboration between the EIC innovators and the business partners we'd like to make sure we all agree on the three EIC "**SME friendly principles**":
 - **Response time:** Time is critical for innovators. For this reason, EIC partners should take special attention to inform the EIC innovators selected for activities on the follow-ups in a timely manner. This is true whether they are selected for a next step, or not viable for a partnership.
 - **Designated Ownership:** Having specific ownership identified for the EIC innovator is key. Only this way can we ensure the next steps in the process are heading towards a concrete partnership.
 - **Transparency/feedback:** Go/No-Go decision should be clearly communicated to the EIC innovators. If a cooperation is no longer feasible, the EIC innovator receives constructive feedback from the corporate.

Next steps – Co-creation with **Regions**

- Challenge and stakeholder definition: **ASAP and no later than 28th**

February

- Meet EIC for approval → confirm Rules of participation (**February**)
- Finetune challenges → get final EIC approval
- Open call – challenges' communication: **29th March**
- Info Webinar: **first half of April (tbc)**
- Selection of participants: **28th April-6th May**
- Co-creation kick-off: **22 & 23 June 2022**





Contacts

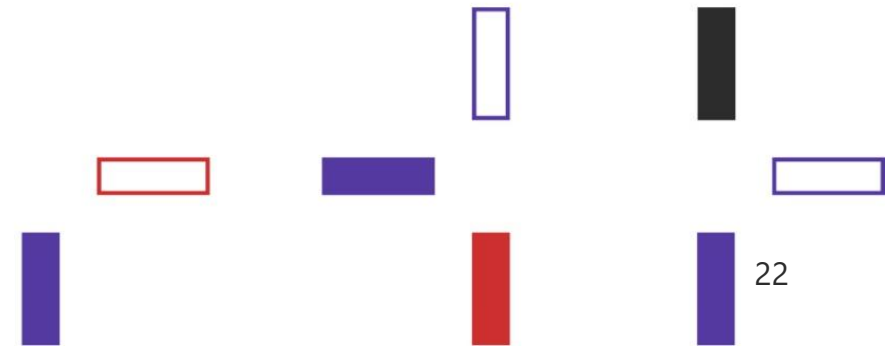
Get to know more about the programme!

EIC Online Community & eic.ec.europa.eu <https://community-smei.easme-web.eu/> & https://eic.ec.europa.eu/eic-funding-opportunities/business-acceleration-services/eic-greenhouse-gas-programme_en

EIC Greenhouse Gas Programme:
<https://youtu.be/PzKue3JsNPM>

Launching Event:
<https://www.youtube.com/watch?v=BqXckPSY294&t=9990s>

Olga.Glumac@eura-ag.de
Carmo.Miranda@eura-ag.de
Carol.Trisorio@eura-ag.de
Raquel.Carvalho@eura-ag.de





Thank you!

<https://eic.ec.europa.eu>

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