

# 5G-ROUTES 1<sup>st</sup> OPEN CALL

**The 1st 5G-ROUTES Open Call has been officially announced and starts on the 15<sup>th</sup> of March 2022!** The 5G-ROUTES project invites 3<sup>rd</sup> party SMEs and spin-offs to submit a draft proposal of a CAM service that they would like to bring the CAM service for testing in one of the two cross corridor places of Bikiernecki or Valga-Valka in the border of Estonia-Latvia. The Open Call #1 starts on March 15<sup>th</sup> of 2022 for testing CAM services in the period of May 1<sup>st</sup> - May 15<sup>th</sup> 2022 and will involve a 5G NSA infrastructure in the above places, while open Call #2 will be announced in 2023 when the 5G SA infrastructure is set-up and provided in the above places.

Both Open Call rounds will aim at providing the infrastructure for the interested SME parties to bring short proposals describing their CAM services that will **enhance 5G-ROUTES** test cases. Call proposals are expected to enhance the CAM services that will be tested by the 5G-ROUTES partners.



**5<sup>th</sup> Generation connected and automated  
mobility cross-border EU trials**

## 5G-ROUTES PROJECT OVERVIEW

**5G-ROUTES is a 5G-PPP Phase 3 project** whose aim is to validate through robust evidence the latest 5G features and 3GPP specifications (R.16 & R.17) of CAM under realistic conditions. In particular, it will conduct advanced large-scale field trials of most representative CAM applications to demonstrate seamless functionality across a prominent 5G cross-border corridor (Via Baltica-North), traversing Latvia, Estonia and Finland. **5G-ROUTES** also focuses on uninterrupted infotainment passenger services on the go, on multimodal services over 3 different modes of transport (vehicles, rails and maritime), and on innovative AI-based technological enablers. More information available [Here](#).

## 5G-ROUTES 1<sup>st</sup> OPEN CALL GOALS

- Test and validation of CAM services on the 5G-ROUTES infrastructure.
- Bring new CAM services and provide visibility of SME companies to the market.
- Supporting an open infrastructure.

## 5G-ROUTES 1<sup>st</sup> OPEN CALL CHALLENGES

- To develop innovative and commercially exploitable CAM use cases for automotive, railway and maritime sectors within the cross-border context.
- To analyse the technical and business requirements for the use cases to enable extensive large-scale CAM field trials in the ‘Via Baltica-North’ 5G corridor.
- To advance and optimise the enabling technologies using AI for the reliable, seamless and uninterrupted delivery of interoperable CAM services across borders.
- to integrate the technological enablers in an end-to end CAM ecosystem, to setup the 5G corridor and to facilitate lab and large-scale field trial validation.
- To demonstrate the potential and the user value in advanced CAM deployments at cross-border areas.
- To develop and validate the business models of advanced CAM use cases.
- To identify and validate applicable standards as well as provide rationalised contribution to key standardisation bodies.
- To ensure long-term success through wide dissemination of the project’s results; to exploit synergies with other 5G-PPP projects and 5G CAM initiatives.

## 5G-ROUTES 1<sup>st</sup> OPEN CALL CONTEXT

**The Open Call is addressed to European SMEs to provide new CAM services to be tested in the cross corridors of Bikiernecki and/or in Valga-Valka between Latvia and Estonia.**

## 5G-ROUTES 1<sup>st</sup> OPEN CALL APPLICABILITY AND ELIGIBILITY CRITERIA

**Only European SMEs, start-ups and research spin-offs will be able to submit proposals:**

**Operational eligibility criteria** for proposals will also be:

- Only one SME per proposal will be admitted.
- Proposals must contribute to the extension of the 5G-ROUTES CAM services.

**Administrative (and other) criteria** are as follows:

- **Proposals** must be written in English in all their parts in order to be eligible.

- **Proposal** should be maximum one page long.
- **Prize:** local publicity and participation in a joint booth at a major 5G event.
- **Opening date:** 15.03.2022
- **Closing date:** 20.04.2022
- **Results announced:** 26.04.2022
- **Contact person:** George Agapiou, David Pubill
- **Email:** [gagapiou@wings-ict-solutions.eu](mailto:gagapiou@wings-ict-solutions.eu), [david.pubill@cttc.cat](mailto:david.pubill@cttc.cat)
- **Date for planned tests:** 01.05.2022 – 15.05.2022
- **Project's web site:** <https://www.5g-routes.eu/>