# RURACTIVE OPEN CALL - CHALLENGE 13

| | |
|---|---|
| **Title of the challenge** | **Community-driven, multimodal mobility solutions** |
| **Dynamo (pilot location)** | Zagori, Greece |
| **RDD** **(Rural Development Driver)** *addressed by the challenge* | Sustainable multimodal mobility |
| **Overall context description and specific context to be addressed by the challenge** | The Zagori region, characterised by its rugged mountainous landscape, consists of numerous small, dispersed villages. Historically, these villages were interconnected through footpaths, creating a social and practical network for residents. Today, while modern roads have been built to accommodate cars, the region remains heavily reliant on private vehicles due to limited public transportation options. This has led to challenges in accessibility, especially for vulnerable groups such as older people, youth, and people living with disabilities. Rising fuel costs and the environmental impacts of car dependency further exacerbate the issue. The challenge focuses on developing sustainable, community-driven mobility solutions that integrates alternative, eco-friendly options to reduce reliance on private cars, lower emissions, and improve accessibility for both residents and tourists, ensuring everyone can move around the region more easily and inclusively, while addressing environmental concerns such as mitigating accidents with wild animals. |
| **Scope of the Challenge** | The scope of the challenge focuses on the limited mobility and accessibility issues faced by residents in the Zagori region, particularly due to the heavy reliance on private vehicles and the lack of adequate public transportation options, disproportionately affecting vulnerable groups such as older people, youth, and people living with disabilities. Geographic boundaries include the mountainous rural villages of Zagori, characterised by rugged terrain and poorly maintained pathways, which complicates movement between these communities. Limitations to consider involve the existing infrastructure, which is not conducive to public transport, and financial constraints that may hinder the implementation of new mobility solutions. Additionally, the |

| | |
|---|---|
| | challenge must account for seasonal variations in tourism, which can strain local resources and affect transportation needs, as well as the environmental impacts associated with increased vehicle use and the protection of local biodiversity. |
| **Solution requirements** | Applicants are expected to provide innovative and concrete solutions that tackle the mobility and accessibility challenges in the Zagori region. Specific requirements include:<br>• Proposals that address the issue of revitalising traditional pathways, incorporating wayfinding technologies like mobile applications or digital maps to enhance connectivity between villages.<br>• Platforms that facilitate community engagement in transportation planning, allowing residents to voice their needs and preferences, as well as encourage carpooling or shared mobility services within and between villages.<br>Generally, solutions proposed must prioritise accessibility features to ensure inclusivity for all users, particularly older people and people living with disabilities. Furthermore, applicants should propose sustainable solutions that can be maintained and continue functioning effectively for a long time after implementation, ensuring they are easy and low cost to operate and maintain.<br><br>The solution should be easy to use and intuitive, low-cost, ensure open access, and utilise open data sources. |
| **Specific objectives and expected outcomes** | • Encourage the use of eco-friendly transportation methods.<br>• Enhance access for both residents and tourists, ensuring everyone can move around the region more easily and inclusively.<br>• Mitigate issues such as accidents with wild animals and improve overall environmental sustainability.<br>• Better mobility options for older people, youth, and people living with disabilities. |
| **Available resources** | • Collaboration opportunities with local organisations and residents to test and implement solutions.<br>• Existing paths and roads that can be enhanced or retrofitted with sustainable solutions.<br>• Access to the expertise and experiences of local residents regarding traditional practices and the historical use of pathways, which can inform solution design. |

| | • Local infrastructure, with very limited public transport, to which the solutions must be integrated. |
| | • |