RURACTIVE OPEN CALL - CHALLENGE 5

Title of the challenge	**Cycling without Age**
Dynamo (pilot location)	Südburgenland, Austria
RDD (Rural Development Driver) *addressed by the challenge*	Sustainable multimodal mobility / Local services, health and wellbeing
Overall context description and specific context to be addressed by the challenge	Even in later life and living with a disability, life should still be worth living and happy. Enabling older citizens and all people who can no longer cycle themselves to be a part of social life is a goal that "Cycling without Age" pursues. That is why these people should be able to ride a rickshaw and experience the joy of cycling again. "Cycling without Age" should be initiated and implemented in our region for local people and for tourists.
Scope of the Challenge	Development of a new offer that enables people living with disabilities and residents of retirement homes to experience cycling. Testing the new offer with the clients of the Vamos association (organisation for people living with disabilities in Southern Burgenland) on the new barrier-free railway cycle path.
Solution requirements	• **Electric-assisted rickshaws**: Battery-powered rickshaws for varied terrains, ensuring effortless rides. • **Customisable seating**: Features for easy wheelchair access and safety harnesses for different mobility needs. • **Solar-powered charging**: Integrate solar panels on rickshaws or at charging stations for renewable energy use. • **Digital user experience:** Touch screens, interactive displays or audio guides can be attached to the rickshaw with local information for an enriched riding experience. • The solution should be low-cost.
Specific objectives and expected outcomes	**Specific objectives:** • **Enhance accessibility and inclusivity:** Provide a cycling experience that accommodates older adults and individuals living with disabilities, allowing them to participate in social activities and enjoy the outdoors. • **Enhance user experience with technology:** Implement digital tools like mobile apps, interactive interfaces, and

	data collection systems to provide a seamless, engaging, and informative experience for passengers and their families. • **Promote sustainable active mobility:** increase the use of sustainable means of transportation that promote healthier living and contribute to the protection of biodiversity and the reduction of carbon emissions. **Expected Outcomes** • **Increased participation in social activities**: More older people and individuals living with disabilities regularly engage in cycling experiences, resulting in improved mental wellbeing and a greater sense of community inclusion. • **Improved health and quality of life**: By spending time outdoors and participating in community activities, passengers experience physical and emotional benefits, contributing to a higher quality of life.
Available resources	Southern Burgenland has access to several valuable resources to support the implementation of the "Cycling without Age" initiative. These resources include infrastructure, data, and technical support, which can aid in the successful establishment and sustainability of the programme. Here are the key resources available: • **Existing infrastructure:** cycling paths and trails; community centers and public spaces; charging stations and renewable energy access. • **Technical support and expertise**: local bicycle and mobility experts; partnerships with local renewable energy providers; training and volunteer networks. • **Government and community support:** municipal support; partnerships with local NGOs and accessibility organisations; tourism organisations, operators of residential homes for older citizens. • **Digital resources and online platforms:** access to local websites and social media channels; local community and tourism websites, as well as social media platforms, can be utilised to promote the initiative, recruit volunteers and provide information to residents and visitors. • **Mobile apps and digital mapping tools:** Regional mapping and navigation data are available through

	various digital platforms, which can assist in route planning, ride tracking, and passenger interaction during rides.