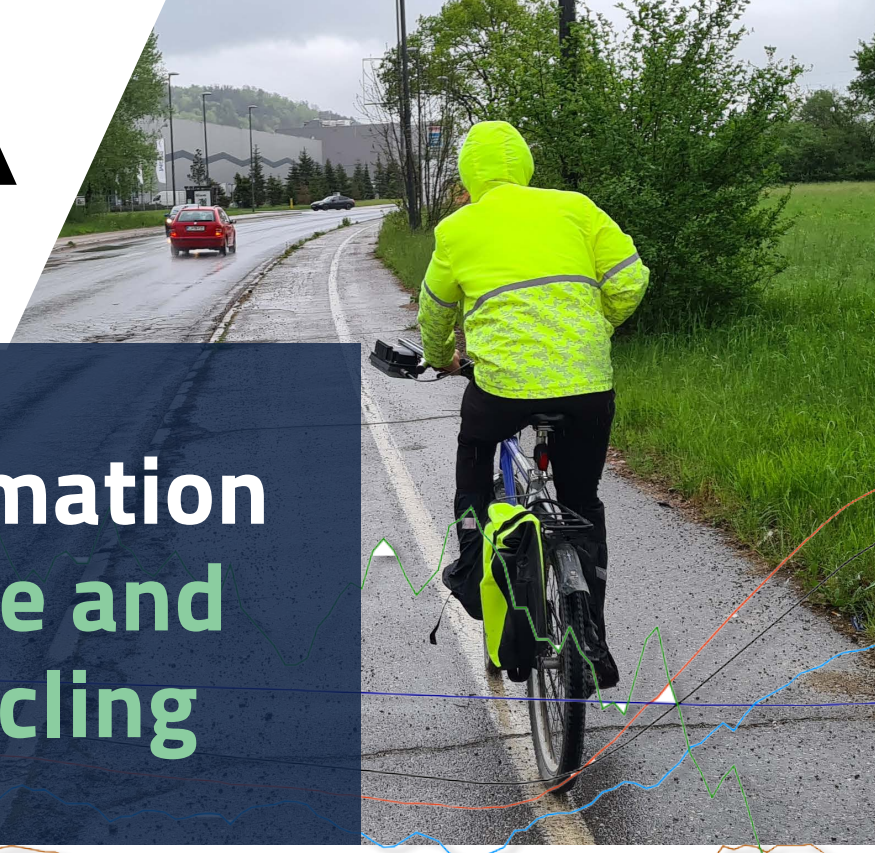
VEDRA CYCLISTS



Weather Information System for Safe and Year-Round Cycling

CYCLING ALL YEAR ROUND? WITH VEDRA CYCLISTS – YES!

Promoting cycling as an equal mode of transport is key to reducing the carbon footprint. Transport is one of the largest sources of greenhouse gases – accounting for around 30% in Slovenia, nearly 25% in the EU, and 27% of all CO_2 emissions in the USA.

What is the main obstacle to winter cycling? It's not the cold, but poorly maintained cycling paths. With climate change bringing frequent, localized weather events, weather information is becoming crucial for safe riding.

Together for Sustainable Mobility

With VEDRA Cyclists, we create infrastructure that enables safe cycling in all seasons – even in winter. Cycling is not just recreation, but a sustainable alternative to motor traffic.

WHAT DOES THE VEDRA CYCLISTS SOLUTION PROVIDE?

Accurate and tailored weather forecasts for maintenance crews and cyclists
VEDRA Cyclists offers insight into the current condition of cycling paths (dry, wet, icy, snowy) and forecasts their state up to 12 hours in advance.

Decision support for more efficient cycling path maintenance (with up to 30% less salt consumption)
For path maintainers, the system suggests when and where to spread – and with what. It works preventively: action is triggered 3 hours before an event. This increases efficiency and reduces resource use.

Greater safety, lower environmental impact – and more cyclists, all year round!
The system enables safer cycling, lower salt consumption, and better responsiveness of winter services. The sustainable effect is clear: fewer emissions, less pollution, more healthy mobility.

Financira Evropska unija NextGenerationEU
REPUBLIKA SLOVENIJA MINISTRSTVO ZA GOSPODARSTVO, TURIZEM IN ŠPORT
SPIRIT SLOVENIJA

CGSLABS
A Transoft Solutions company

CGS Labs d.o.o.
Brnčičeva ulica 13
1000 Ljubljana, Slovenia

Phone: +386 1 235 06 00
E-mail: info@cgs-labs.com
Internet: www.cgs-labs.com