

VEGETATION ROADS MAINTENANCE

OBJECTIVE

To improve the resilience of road transport.

DESCRIPTION

In order to increase the resilience of the road transport sector, it is recommended to replace mature trees with hedges (using elastic woody plants suitable for and more adapted to a given climate zone) and planting of the vegetation at adequate distance from the road surface.

EXPECTED RESULTS

Roads maintenance: cleaning of roads, pruning of bushes and snow and ice removal.

RESULT INDICATORS

Presence of road vegetation.

INVOLVED ACTORS

Administrations and/or agencies responsible for road transport management; research institutions working in the field of sustainable development transport; research institutes specialized in climate research; construction companies working in the field of engineering constructions.

EXPECTED TIMELINE FOR ACTION

- Short term (1-4 years)

BEST PRACTICES

- Grimsel – Swiss
- France

CRITICALITIES

The selection of adequate vegetation.

SCOPE OF THE ACTION

- Adaptation

TYPE OF PROPOSED ACTIONS

- Green

SECTOR OF ACTION

- Transport and infrastructure
- Urban settlement

CLIMATE IMPACTS

- Extreme precipitation
- Extreme temperatures
- Floods

IMPLEMENTATION SCALE

- Municipality
- Region / Country

SOURCE

<https://climate-adapt.eea.europa.eu/help/share-your-info/general/climate-proofed-standards-for-road-design-construction-and-maintenance>