

Average size of non-fragmented land

Dimension - Environment

Associated Key Factor:

Attitudes and implementation of principles relating to sustainable development

Data Source:

Eurostat

Corine land cover data: CLC database version 6/2000 re-sampled to 1 km² grid cells produced by ETC/LC, 8/2000 (EEA-ETC/LC, 2000), Eurostat GISCO reference database version 2000;

L-2920 Luxembourg

<http://europa.eu.int/eurostat>

General Availability:

Reporting unit:

Reporting level: national

Reporting period: regularly

Data available from 1998

The indicator:

Fragmentation of ecosystems and habitats by transport infrastructure

How is it measured?

Fragmentation of land is based on a combination of NUTS and infrastructure data. The fragmentation of forest is based on the forest patch sizes using grid cells (usually 1 km²). Land cover is measured using satellite data as its basic data source.

What is the policy relevance of the indicator?

Preserve biodiversity and ensure connectivity between nature areas.

The Indicator is relevant for the following pathways of the FORESIGHT FOR TRANSPORT exercise:

	Transport Impact	External Determining Variable	Intermediate Variable	Contextual Information
Environmental concerns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Increase of trade and infrastructure needs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>