

Section	Description
Resource Title	Fuelwood - Flow
Resource Abstract	Timber is an important resource provided by forest ecosystems that is typically processed into three different products: round wood, industrial wood or fuel wood. In a sustainable forest management cycle, timber production is limited to the net biomass increase in order to keep the forest inventories stable. Sustainably produced fuel wood, such as firewood, charcoal, chips, pellets, and sawdust management, can hence be a promising alternative for renewable energy production. The selected indicators aim to reflect potential fuel wood production, its actual usage and the current need for it at the scale of Alpine Space municipalities.
Resource Type	Dataset
Resource locator	http://www.alpes-webgis.eu/?X=850359.92&Y=5947762.56&zoom=6&lang=en&focus=focus_alpes&bgLayer=alpes.osm.stamentoner.60002&layers=alpes.alpinespace.40001.wms.alpes.essi.10043&catalogNodes=101000000,101000005&layers_opacity=1,0.7
Unique Resource Identifier	99BB-38J7-B93C-WK6D
Resource Language	eng
Topic Category	Environment Economy
Keyword value	Energy resources(INSPIRE Spatial Data Theme) Fuel wood (GEMET Concepts) Forest (GEMET Concepts) Biomass (GEMET Concepts)
Originating controlled vocabulary	- title: GEMET - INSPIRE themes, version 1.0 - date: -dateType: publication -date: 2008-06-01 - title: GEMET - Concepts, version 4.0.1 - date: -dateType: publication -date: 2017-06-28
Geographic bounding box	West = 1.986194 East = 18.622061 North = 50.068114 South = 42.700501
Coordinate reference System	EPSG: 3035 (ETRS89, LAEA)
Temporal extent	2012
Date of publication	2018-07-20

Lineage	<p>Not all forests can be managed equally: accessibility (infrastructure) and technical feasibility (due to topography) play a crucial role in sustainable forest management. Hence, this indicator reflects the timber removals for fuel wood production (data is taken from national inventories) considering both topographical site condition (slope angle from DEM) and the forest accessibility (based on the OpenStreetMap layer).</p> <p>Units of measurement: $\text{m}^3 \text{ha}^{-1} \text{y}^{-1}$</p>
Spatial resolution	100000
Specification	Commission Regulation (EU) No 1089/2010 of 23 November 2010 implementing Directive 2007/2/EC of the European Parliament and of the Council as regards interoperability of spatial data sets and services, date of publication: 2010-12-08.
Degree	Null
Conditions applying to access and use	CC BY-NC 4.0
Limitations on public access	No Limitation
Responsible party	Eurac Research, Viale Druso 1, 39100 Bolzano, Italy Institute for Alpine Environment - alpine.environment@eurac.edu
Responsible party role	Author
Metadata point of contact	Eurac Research, Viale Druso 1, 39100 Bolzano, Italy Institute for Alpine Environment - alpine.environment@eurac.edu
Metadata date	2017-09-18
Metadata language	eng