Section	Description
Resource Title	Biomass production from grassland – Demand
Resource Abstract	In the Alps, grassland is the basis for forage farming owing to local conditions like climate and slope steepness. Due to structural change of agriculture in the Alps, the supply of biomass production from grassland is influenced among others by the use of fertilizers and selection of forage plants. Grassland formations range from intensively managed pastures in the valley bottoms to extensive meadows and Alpine swards upwards the altitudinal belt. Location factors like temperature, soil and radiation have a significant impact on the productivity. Grassland ecosystems can provide multiple ecosystem services: Depending on the use of the biomass, the service can be described in dry matter per hectare or energy content per amount of dry matter.
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_opacity=1,0.7&layers=alpes.alpinespace.40001.wms,alpes.essi.10001
Unique Resource Identifier	VJ5S-B3YQ-N8PA-ZJ6Q
Resource Language	eng
Topic Category	Farming Environment
Keyword value	Land cover (INSPIRE Spatial Data Theme) Land use (INSPIRE Spatial Data Theme) Agriculture and cattle industry(GEMET Concepts) Cattle (GEMET Concepts) Biomass (GEMET Concepts) Energy (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	2010-2011
Date of publication	2018-07-20
Lineage	Amount of energy which is needed by forage feeding animals to grow, live and produce animal products like milk (MJ NEL/ ha municipal area) The most important forage feeding species in the Alpine space are bovine animals, horses, sheep and goats. The energy demand depends on the herd composition (age class, gender) of each species and desired output of animal products. In the calculation, the energy demand for growing and living of the above-mentioned species is taken into account as well the energy, which is needed to produce milk from dairy cows. Units of measurement: MJ NEL ha^{-1} y^{-1}
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
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Metadata date	2018-03-14
Metadata language	eng