

Cropland intensification by CORINE Land Cover changes 2006-2012, Nov. 2016

The dataset represents a pressure trend indicator as measure of intensification of agroecosystems. The trend indicator is the share of cropland area affected by internal Land Cover flows between CORINE 2006 and 2012, presented at NUTS3 level. Those changes were used to identify the internal flows related to more intense use, mainly linked to the increase in resource and machinery use. The internal flows related to intensification were defined based on an expert consultation done in the context of the ETC/ULS actions.

Simple

Date (Creation)	2016-11-30		
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	European Environment Agency		info@eea.eur info@eea.europa.eu Custodian

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No information provided.

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Maintenance and update frequency	Not planned
GEMET - INSPIRE themes, version 1.0	<ul style="list-style-type: none"> Land cover Land use Statistical units
Keywords	
Keywords	
GEMET	<ul style="list-style-type: none"> pressure agricultural land nutrient land use land cover grassland
	<ul style="list-style-type: none"> EEA39

Continents, countries, sea regions of the world.	<ul style="list-style-type: none"> • European
Spatial scope	<ul style="list-style-type: none"> • Agriculture and food
EEA topics	<ul style="list-style-type: none"> • Land use
Use limitation	EEA standard re-use policy: unless otherwise indicated, re-use of content on the EEA website for commercial or non-commercial purposes is permitted free of charge, provided that the source is acknowledged (http://www.eea.europa.eu/legal/copyright). Copyright holder: European Environment Agency (EEA).
Access constraints	Other restrictions
Other constraints	no limitations to public access
Spatial representation type	Vector
Denominator	1000000
Language of dataset	English
Character set	UTF8
Topic category	<ul style="list-style-type: none"> • Environment

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Begin date	2006-01-01T00:00:00
End date	2012-12-31T00:00:00
CRS identifier	EPSG:3035
Distribution format	<ul style="list-style-type: none"> • SHP (1)

OnLine resource

No information provided.

Hierarchy level	Dataset
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Conformance result

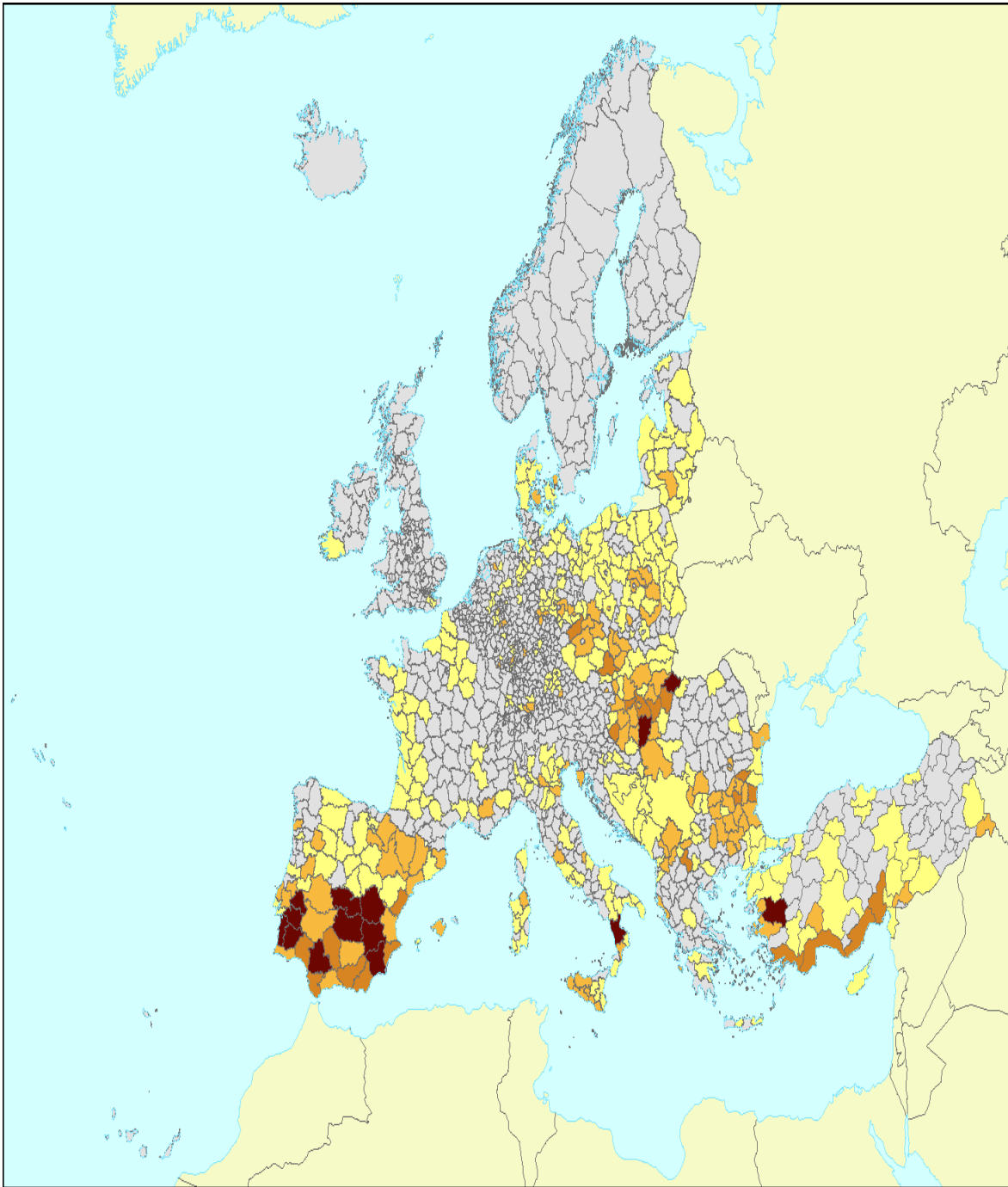
Date (Publication)	2010-12-08
Explanation	See the referenced specification

Statement	<p>Land cover changes between the 2 most recent Corine Land Cover layers (2006, 2012) were used to identify the internal flows related to more intense use. The internal flows (LCF) related to intensification are defined based on an expert consultation done in the context of the ETC-ULS*. Those represent land cover changes that are linked to increase in resource and machinery use. Under this point, the LCF selected were:</p> <ul style="list-style-type: none"> - lcf421: Conversion from arable land to permanent irrigation perimeters: Extension of permanent irrigation (incl. rice fields) over arable land - lcf441: Conversion from permanent crops to permanent irrigation perimeters: Conversion from permanent crops (incl. when associated with arable land - CLC 241) to permanent (large) irrigation perimeters and rice fields - lcf451: Conversion from arable land to vineyards and orchards: Plantation of vineyards, orchards on arable land. - lcf452: Conversion from arable land to olive groves: Plantation of olive groves on arable land. - lcf453: Diffuse conversion from arable land to permanent crops: Conversion from uniform arable land to associations of permanent crops and annual crops (CLC241). - lcf463: Diffuse conversion from pasture to arable and permanent crops: Conversion from complex cultivation patterns including pasture (CLC242) to uniform arable land and permanent crops as well as to associations of the last two (CLC241) and conversion of uniform pasture (CLC231) to complex cultivation patterns. <p>An intensification raster was created using the CLC change layer and a lookup table for the related land cover changes. On the other side, a cropland layer was created as reference area for the calculation of the share of changes on the respective land cover type. The shares are calculated after summarizing at NUTS3 (NUTS2 for Germany) level, leading to the percentage of LCF change per specific land cover type.</p> <p>* https://forum.eionet.europa.eu/etc-urban-land-and-soil-systems/library/action-plan-2016/1.8.2.2-land-resource-efficiency/deliverables/</p>
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Metadata

File identifier	19ab220c-bcef-41b3-96a9-4ae820f951dc XML		
Metadata language	English		
Character set	UTF8		
Hierarchy level	Dataset		
Date stamp	2021-04-21T13:32:02.197Z		
Metadata standard name	ISO 19115/19139		
Metadata standard version	1.0		
Metadata author	Organisation name	Individual name	Electronic mail address Role
	European Environment Agency		sdi@eea.europa.eu Point of contact

Overviews



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