

Metadata and Documentation for European biomass production systems: characterization and potential contribution to land use diversity. TableA2

Country	Region	Source - publishing body	Database-Name	Reference and license	Reported or publication year	Details of the dataset	Type of data	source_id
Austria	All	Agrar Markt Austria (AMA)	INVEKOS Schlge sterreich 2021	INVEKOS Schlge sterreich, 2021. AMA. Licensed under CC BY 4.0.	2021	Fields used as the basis for funding processes for applicants. A field has only one-use type and is cultivated for a growing season.	field blocks used for subsidies/sup port	AT
Belgium	Wallonie	Service public de Wallonie	Parcellaire agricole	Parcellaire agricole – Wallonie, 2022. Service Public de Wallonie. Redistribution is not permitted.	2022	Agricultural and forest areas managed as part of the implementation of the Common Agricultural Policy by the Walloon Payer Agency. Provided on an annual basis"	field blocks used for subsidies/sup port	BE1
Belgium	Flanders	Distributor: Digital Flanders Agency	Landbouwgebruikspcel en (Agricultural use parcels)	Landbouwgebruikspcelen, 2021. Digital Flanders Agency. Licensed under CC BY 4.0.	2022	Inventory of plots of agricultural use carried out annually in the context of the payment of European agricultural subsidies.	field blocks used for subsidies/sup port	BE2
Croatia	All	Agencija za plaćanja u poljoprivredi, ribarstvu i ruralnom razvoju (APPRRR)	ARKOD: use of agricultural land in the territory of the Republic of Croatia	ARKOD Parcels, 2023. APPRRR. Licensed under CC BY 4.0.	2023	Parcels as uninterrupted areas of agricultural land cultivated by one farmer, classified according to the type of agricultural land use from Annex I of the Ordinance on agricultural land use records (Official Gazette 17/2018)."	field blocks used for subsidies/sup port	HR
Czech Republic	All	Ministerstvo zemědělství (Ministry of Agriculture)	Farmers block (DPB)	Farmer's Block (DPB), 2021. Ministry of Agriculture, Czech Republic. Licensed under CC BY 4.0.	2021	Farmer's blocks (DPB) for a given year. A block represents a continuous area of agricultural land. Each DPB is managed by one farmer and has only one agricultural culture.	field blocks used for subsidies/sup port	CZ
Denmark	All	Landbrugsstyrelsen (The Danish Agency for Agriculture)	Markblokke (Field blocks)	Markblokke, 2022. Danish Agricultural Agency. Licensed under CC BY 4.0.	2022	Digital field map, with agricultural areas gathered in field blocks. The map is mainly used to determine cultivation areas for EU's area-based support schemes.	field blocks used for subsidies/sup port	DK

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						A field block means a continuous area on which one or more farmers grow one or more different crops.		
Estonia	All	Agricultural Registers and Information Board (PRIA)	Farmer's block	Farmer's Block, 2023. PRIA, Estonia. Licensed under CC BY 4.0.	2023		field blocks used for subsidies/sup port	EE
Finland	All	Ruokavirasto (Finnish Food Authority)	Kasvulohko (Agricultural parcels)	Agricultural parcels, 2020. Finnish Food Authority. Licensed under CC BY 4.0.	2020	Field blocks containing the cultivated crop and the support applications. A growing block is a distinct area within a larger basic block where either a single plant species, a mix of species, or land designated for special use is found. The size and boundaries of these growing blocks can change annually within the basic block.	field blocks used for subsidies/sup port	FI
France	All	Institut National de L'information géographique et forestière (IGN-F)	BD Forêt® version 2 ;	BD Forêt® v2, IGN France. Accessed via geoservices.ign.fr. Open License.	2007-2018;	BD Forêt® 2.0 is a reference map of forests and semi-natural areas, detailing vegetation cover, species composition, and density for areas larger than 0.5 hectares	forested areas map;	FR1
France	All	Institut National de L'information géographique et forestière (IGN-F)	Registre Parcellaire Graphique (RPG)	RPG ,IGN France. Accessed via geoservices.ign.fr. Open License.	2022	The Graphic Parcel Register (RPG) is a GIS database of declared agricultural plots, detailing land use and boundaries as recorded for year N and finalized by January 1 of year N+1	agricultural plots	FR2
Germany	Lower Saxony	Rural development and agricultural promotion Data: SLA. Extracted from Eurocrops -	Field blocks	Original field block data from SLA. Accessed via EuroCrops (Schneider et al., 2023*). Licensed under Data License Germany 2.0.	2021	A field block is a contiguous agricultural area of at least 1,000 m², with stable boundaries, used for one or more crops or set-aside purposes. Small non-agricultural areas over 9 m² are excluded.	field blocks used for subsidies/sup port	DE1

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		Schneider et al., 2023*				Field boundary data for Lower Saxony were derived from the EuroCrops database (Schneider et al., 2023*), which compiles national agricultural land parcel datasets. The original data for Lower Saxony was provided by the State Office for Rural Development and Agricultural Promotion (SLA)		
Germany	Brandenburg	Ministry of Agriculture, Environment and Climate Protection of the State of Brandenburg (MLUK)	Agricultural application data	Agricultural Application Data, 2021. MLUK Brandenburg. Licensed under Data License Germany 2.0.	2021	In Brandenburg, farmers apply annually for EU rural development funding using digital applications based on the field block register (DFBK). They map fields and landscape features, assigning attributes like crop type, land use, restrictions, and size. Each field is linked to a single crop type for funding purposes.	field blocks used for subsidies/support	DE2
Germany	Nordrhein westfalen	Landwirtschaftskammer Chamber of Agriculture North Rhine-Westphalia	Partial plots applied for and determined to be eligible in NRW	Partial Plots, 2023. Chamber of Agriculture NRW. Licensed under Data License Germany 2.1	2023	A field is a specific area inside a field block that a farmer applies for, linked to a particular crop type. Multiple fields, either with identical or varying uses can exist within a single field block.	field blocks used for subsidies/support	DE3
Italy	Toscana	Regione Toscana - Settore Sistema Informativo e Pianificazione del Territorio	Uso e copertura del suolo (Land use)	Land Use– Tuscany, 2019. Regione Toscana. Licensed under CC BY 4.0.	2019	The dataset contains land use and land cover classes according to the legend Corine Land Cover - Level III for the Tuscany region. Polygon data with scale of 1:10000.	land use	IT1
Italy	Lombardia	Regione Lombardia	Uso e copertura del suolo 2018 (DUSAF 6.0) (Land use)	DUSAF 6.0 Land Use, 2018. Regione Lombardia. Licensed under CC BY 4.0.	2018	The dataset contains land use and land cover classes for the Lombardia region.	land use	IT2
Latvia	All	Rural support service	Field register data of Latvia	Field Register Data, 2023. Rural Support Service, Latvia. No license provided.	2023	The land register is a GIS-based system that collects data on agricultural land eligible for national and EU	field blocks used for subsidies/support	LV

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						support through direct payments or programs focused on environmental, climate, and rural landscape improvements.		
Netherlands	All	National Georegister (NGR)	Basic Registration of Crop Plots (BRP)	BRP Crop Plots, 2023. NGR Netherlands. Licensed under CC0 1.0.	2023	The dataset contains the locations of agricultural plots along with the crops grown on them. It is derived from the Basic Register of Plots maintained by the Netherlands Enterprise Agency, using plot boundaries from the RVO Reference Register (formerly the AAN file). Farmers are required to register their crop plots annually, specifying the crop cultivated on each one.	agricultural parcels	NL
Portugal	All	Direção Geral do Território (Directorate General for Territory)	Land Use and Occupation map	Land Use and Occupation Map, 2018. DGT Portugal. Licensed under CC BY 4.0.	2018	Thematic map of land use and occupation for mainland Portugal.	land use	PT1
Portugal	All	Direção-Geral do Território (Directorate General for Territory)	Mapa Agrícola e florestal de Portugal 1951-1980	Agricultural and forest map of Portugal 1951-1980. DGT Portugal Licensed under CC BY 4.0.	1980	The oldest historical agricultural and forestry cartography available for mainland Portugal, providing information on land use and land cover with a focus on agriculture and forestry for the period 1951–1980. It includes data on forest type, dominant species, and other characteristics of forest stands or agricultural land use We used poplar plots identified in this dataset and join them with the Land Use and Occupation map of Portugal 2018 to have an estimate of their location.	land use	PT2

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Slovakia	All	Národné poľnohospodárské a potravinárske centrum. Extracted from Eurocrops - Schneider et al., 2023*	LPIS Agricultural land identification system	LPIS – Slovakia, 2021. Accessed via EuroCrops (Schneider et al., 2023*). Redistribution subject to original provider's terms.	2021	It contains the boundaries of agricultural land with a unique code, information on the area, and land use. It is used as references for farmer's application supports.  Field boundary data for Slovakia were derived from the EuroCrops database (Schneider et al., 2023*), which compiles national agricultural land parcel datasets.	field blocks used for subsidies/support	SK
Spain	All	Ministerio para la transición ecológica y el reto demográfico (Ministry for the ecological transition and the demographic challenge)	Mapa forestal Español (MFE25, MFE50)	Forest Map of Spain (MFE 25, MFE 50). Ministry for Ecological Transition. Licensed under CC BY 4.0.	1997-2007;	- The Forest Map of Spain (MFE) is the country's main forest cartography, showing the distribution of forest ecosystems. Led by the Directorate of Biodiversity, it is based on photointerpretation with field checks and updated roughly every ten years as part of the National Forest Inventory (IFN).	forested areas map	ES1
Spain	All	Ministerio para la transición ecológica y el reto demográfico (Ministry for the ecological transition and the demographic challenge)	Mapa forestal de plantaciones de chopo (Spanish Forest maps; Poplar plantations map)	Poplar plantations map. Ministry for Ecological Transition. Licensed under CC BY 4.0.	2020	The Poplar Plantation Forest Map (MFE_CH2020) displays the distribution of poplar plantations in mainland Spain. It was created with input from regional authorities and the poplar sector, using remote sensing and LiDAR, and reflects the 2020 landscape.	plantation map	ES2
Sweden	All	Jordbruksverket (The Swedish Board of Agriculture)	Jordbruksblock (Agricultural blocks)	Agricultural blocks, 2018. The Swedish Board of Agriculture. Licensed under CC-BY-4.0	2018	An agricultural block is a dataset showing the maximum area of land eligible for EU agricultural support. It is used to manage farmer subsidies, verify application data, and provide	field blocks used for subsidies/support	SE

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						<p>updated land information. The dataset includes only land for which support has been applied at some point, not all agricultural land in Sweden.</p> <p>Each block is a defined polygon based on fixed features like roads, forests, buildings, or historical administrative boundaries (e.g., 2000 parish lines). Generally, a block must be at least 0.1 hectares, and only one farmer can hold land within a block—except in cases of jointly used pasture.</p>		
UK	England	Department of Environment, Food & Rural Affairs (DEFRA), Natural England Open Data	Energy Crops Scheme (ECS) Agreements	Energy Crops Scheme (ECS) Agreements, 2017. DEFRA. Open government license	2017	<p>The Energy Crops Scheme provides establishment grants for approved energy crops. Approved crops are Short Rotation Coppice (Willow, Poplar, Ash, Alder, Hazel, Silver Birch, Sycamore, Sweet Chestnut and Lime) and Miscanthus (a tall woody grass).</p>	field blocks used for subsidies/support	GB

\* Schneider, M., Schelte, T., Schmitz, F. et al. EuroCrops: The Largest Harmonized Open Crop Dataset Across the European Union. Sci Data 10, 612 (2023). <https://doi.org/10.1038/s41597-023-02517-0>