

ENERGY LANDSCAPE

Definition

An energy landscape is characterized by one or more elements of the energy chain (e.g. energy extraction, assimilation, conversion, storage, transport or transmission of energy). The outcome can be a multi-layer energy landscape comprising combinations of technical and natural sources of energy within a landscape. In COST RELY, energy landscape is focused on renewable energy and the impact on landscape quality.

Related terms

Landscape resilience, Landscape sensitivity, Landscape vulnerability

Keywords

Energyscapes, Landscapes of carbon neutrality, Multi-layer, Multi-functional, Renewable energy sources, Sustainable energy landscape



Figure 3a Three layers of energy production in the area of Garzweiler II, Germany. Foreground: agriculture with oil pumping. Middle: open brown coal mining with a coal-fired power plant. Background: wind turbines. (Photo: Alexandra Kruse 2016)



Figure 3b Wind energy landscape, Ore Mountains, Czech Republic. (Photo: Bohumil Frantal 2012)



Figure 3c This energy landscape in Carinthian Mölltal in Austria shows different layers of energy production and impact on the landscape. Foreground: electric train line and electricity high voltage cables. Middle: agriculture including modern hay balls; background, forestry. These very intensive and close layers are dominating the Alpine valleys in Austria. (Photo: Alexandra Kruse 2016)

Source

Definition developed by COST RELY Action.

Translations

Bosnia and Herzegovina Energetski pejzaži/ Energetski krajolik

Bulgarian Ландшафт за производство на енергия

Croatian Energetski Krajonik

Czech Energetická krajina

Danish Energilandskab

Dutch Energie landschap

Esperanto Energia pejzaĝo

Estonian Energiamaastik

Finish Energiamaiseimat (*not commonly used*)

French Paysage énergétique

German Energielandschaft

Greek Ενερgetικό Τοπίο

Hebrew נוףי אנרגיה

Hungarian Energiatáj (*the term is not in use*)

Italian Paesaggio dell'energia

Islandic Orkulandslag

Latvian Enerģijas ainava

Lithuanian Energijos gavybos kraštovaizdžiai

Montenegrin Energetski pejzaž

Polish Krajobrazy energetyczne

Portuguese Paisagem de energia

Romanian Peisaj energetic

Russian Энергетический пейзаж

Slovakian

Energetická krajina

Slovenian Energetska krajina

Serbian Энергетски пејзажи (*земљишта*)

Spanish Paisajes de las energías/ Paisajes energéticos

Swedish Energi landskap