

27.3.2024

Cirkulární ekonomika v českém jazyce

Bleskový průvodce světem bioekonomiky: Odhalení klíčových informací z webináře.

Dne 25. března 2024 se uskutečnil poutavý webinář v rámci projektu Interreg BIOECO-UP, který osvětloval koncept bioekonomiky a její potenciál nahradit například fosilní materiály obnovitelnými. Tato inovativní iniciativa slouží jako most mezi tvůrci politik, podniky, výzkumnými institucemi a školami, kteří chtějí přispět k udržitelnému rozvoji.

Jan Nedělník společně s Miroslavem Hájkem a Janem Skípala představili účastníkům širokou škálu informací skrze 16 informativních listů. Diskuse se dále rozvinula kolem samotného projektu Interreg BIOECO-UP, jeho významu pro budoucnost bioekonomiky a současných mezinárodních aktivit a iniciativ, jako je například BIOEAST. Účastníci měli příležitost sdílet své názory a připomínky týkající se materiálů dostupných na webových stránkách a celkově se ponořit do tématu udržitelného rozvoje a inovativního využití přírodních zdrojů.

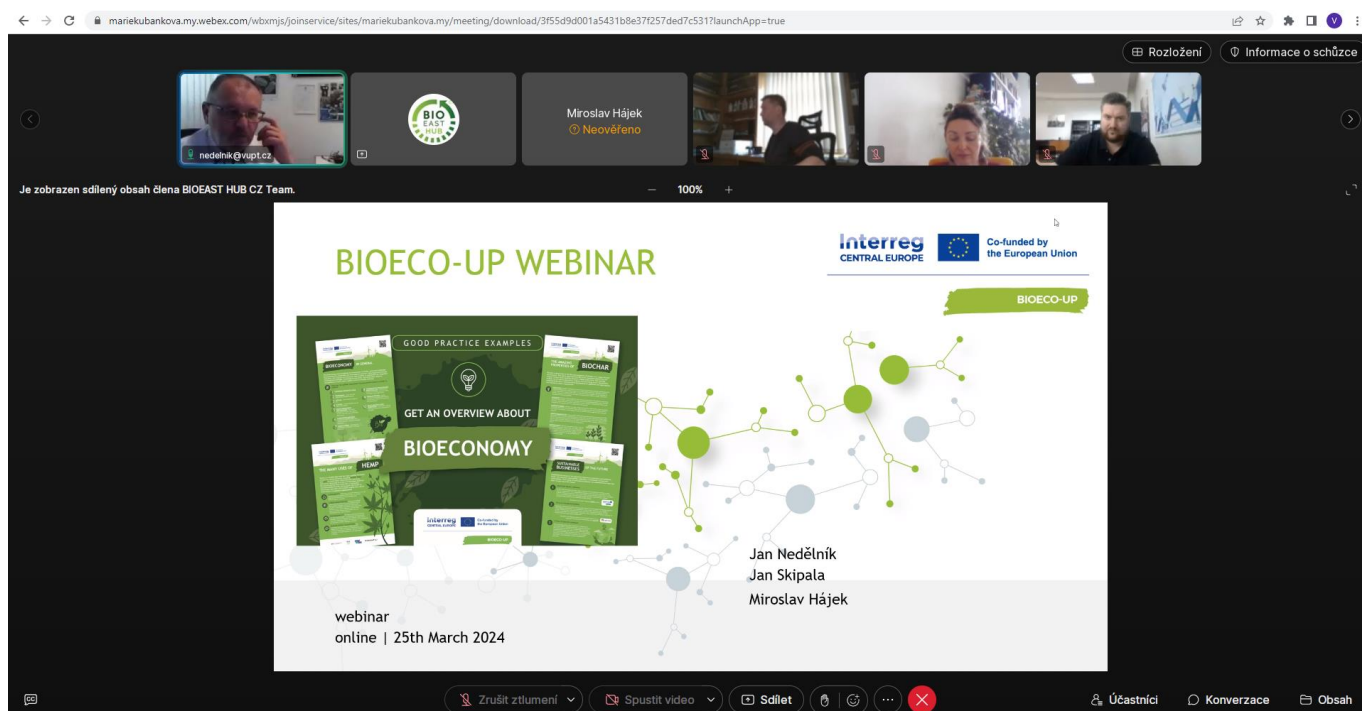
Webinář uspořádala společnost Zemědělský výzkum, spol. s r.o. Troubsko ve spolupráci s Českou zemědělskou univerzitou.

Informační listy a veškeré další informace o projektu jsou k dispozici na webových stránkách:

EN) <https://www.bio-hub.cz/en/library/bioecoup-infosheets-en>

CZ) <https://www.bio-hub.cz/cs/knihovna-2/bioecoup-infosheets-cz>

Kontaktní osoba: RNDr. Jan Nedělník, nedelnik@vupt.cz, 547 138 826





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Hovoří: nedelnik@vupt.cz

Rozložení Informace o schůzce

Je zobrazen sdílený obsah člena BIOEAST HUB CZ Team.

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BIOECONOMY IN GENERAL

The bioeconomy aims to address environmental, economic, and social challenges by promoting the sustainable use of biological resources, reducing greenhouse gas emissions, and creating new economic opportunities. It emphasizes the integration of biological knowledge, technological innovation, and responsible resource management to build a more resilient and eco-friendly economy.

WHAT ARE THE GENERAL CHALLENGES THE BIOECONOMY CONCEPT IS GOING TO ADDRESS

- 1 SUSTAINABLE RESOURCES USAGE**
- 2 ENVIRONMENT** - water use, soil degradation, biodiversity loss
- 3 LAND USE** - deforestation, palm oil etc.
- 4 ECONOMIC** - competing with non-bio based alternatives
- 5 MARKET DEVELOPMENT AND CONSUMERS** - bio-based alternatives may be less familiar or more expensive than traditional alternatives.
- 6 GLOBALIZATION AND TRADE** - intellectual property rights, and access to genetic resources can pose challenges
- 7 CLIMATE CHANGE** - affecting the availability and quality of biomass resources
- 8 TECHNOLOGICAL INNOVATION AND INFRASTRUCTURE** - infrastructure for the bioeconomy can be a costly and time-consuming process.
- 9 SOCIAL ACCEPTANCE** - social acceptance and addressing ethical concerns are vital for the success of the bioeconomy.
- 10 POLICY AND REGULATORY FRAMEWORKS** - Coordination among different sectors and stakeholders is essential.

Zrušit ztlumení Spustit video Sdílet Účastníci Konverzace Obsah

- Magdaléna Neověřeno
- Petra Křížková Neověřeno
- Petra Palátová Neověřeno
- Sobotková Neověřeno
- Vlém Neověřeno



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GREENING HOUSEHOLD IN EVERYDAY LIFE

Greening a household involves adopting environmentally friendly practices and making sustainable choices in everyday life such as Energy efficiency, water conservation, waste reduction etc.

HOW CONSUMPTION AFFECTS THE STATE OF THE ENVIRONMENT

Consumption profoundly influences the state of the environment, playing a central role in various environmental challenges. As demands for goods and services increase, so do the environmental impacts associated with production, transportation, and disposal. The consequences of consumption include resource depletion, deforestation, and pollution. The extraction and use of natural resources, often exceeding the Earth's regenerative capacity, contribute to habitat loss and biodiversity decline. Additionally, manufacturing processes and the disposal of goods result in pollution of air, water, and soil. Greenhouse gas emissions, driven by energy-intensive consumption habits, contribute to climate change, altering weather patterns and raising sea levels. The generation of vast amounts of waste, including single-use plastics and electronic waste, poses threats to ecosystems and wildlife. Overconsumption also contributes to water scarcity, land degradation, and the overfishing of marine resources. The cumulative impact of unsustainable consumption patterns is a significant driver of environmental degradation, affecting the health and resilience of ecosystems on a global scale. Addressing these issues requires a shift towards sustainable and responsible consumption, emphasizing resource efficiency, waste reduction, and environmentally conscious choices.

ECOLOGICAL FOOTPRINT

The ecological footprint is a metric used to quantify the environmental impact of human activities. It measures the total area of land and water required to sustain a particular lifestyle, organization, community, or country. This footprint encompasses the resources consumed and the waste generated. Expressed in global hectares or acres, it assesses whether human activities align with the Earth's capacity to regenerate resources and absorb waste.

WHERE AND HOW WE CAN GREEN THE HOUSEHOLD

- 1 ENERGY EFFICIENCY:** Use energy-efficient appliances and light bulbs. Turn off lights and electronics when not in use. Consider investing in renewable energy sources, such as solar panels.
- 2 WATER CONSERVATION:** Fix leaks promptly. Install water-saving devices, such as low-flow faucets and showerheads. Collect rainwater for outdoor plants.
- 3 WASTE REDUCTION:** Practice recycling and composting. Use reusable shopping bags, water bottles, and containers. Avoid single-use plastics, such as straws and disposable utensils.
- 4 SUSTAINABLE TRANSPORTATION:** Use public transportation, carpool, bike, or walk whenever possible. Consider hybrid or electric vehicles. Maintain vehicles for optimal fuel efficiency.
- 5 ECO-FRIENDLY PURCHASES:** Choose products with minimal packaging. Opt for eco-friendly and sustainable products. Buy second-hand or repurpose items to reduce waste.
- 6 ENERGY-EFFICIENT HOME DESIGN:** Ensure proper insulation for energy efficiency. Use curtains or blinds to regulate temperature and reduce heating or cooling needs. Plant trees strategically to provide shade and reduce cooling costs.
- 7 SUSTAINABLE FOOD CHECKS:** Support local and organic food producers.
- 8 GREEN CLEANING PRACTICES:** Use environmentally friendly cleaning products. Make your own cleaning solutions using natural ingredients like vinegar and baking soda. Limit the use of disposable cleaning wipes.
- 9 CONDITIONAL WATER USAGE:** Shorten shower times and turn off the faucet when not in use. Use a dishwasher or washing machine only for full loads. Consider installing a low-flow toilet.
- 10 EDUCATION AND AWARENESS:** Stay informed about environmental issues. Share eco-friendly practices with family and friends. Participate in community initiatives or events promoting sustainability.
- 11 REDUCE E-DEWASTE:** Recycle electronic devices responsibly. Consider repairing electronics instead of replacing them. Dispose of e-waste through designated collection points.
- 12 COMMUNITY ENGAGEMENT:** Participate in local environmental initiatives or clean-up events. Join or support community gardens and local farmers' markets. Advocate for environmentally friendly practices in your community.

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