

Druga CEE2ACT radionica Nacionalnog centra za bioekonomiju
Izgradnja znanja i kapaciteta zainteresovanih strana za razvoj strategija bioekonomije



CEE2ACT

CEE2ACT alati u fokusu: Inventar
najboljih praksi, Platforma za e-učenje,
Alat za samoocenjivanje, B2B alat



Funded by
the European Union

Dr Nevena Čule, Institut za šumarstvo, Beograd

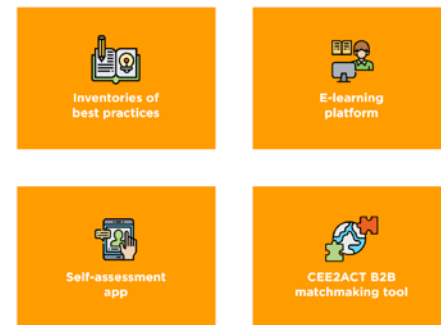
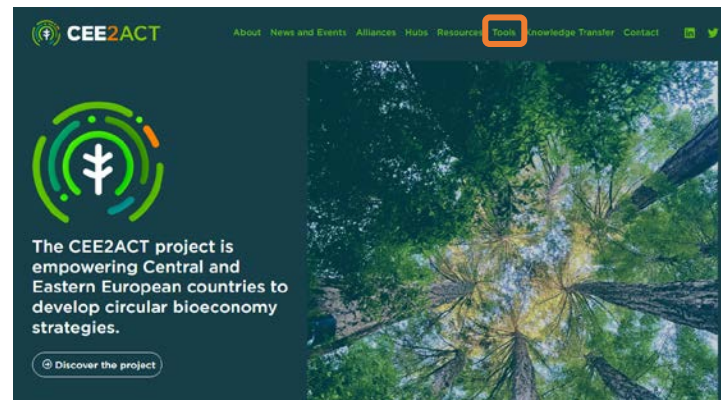
Alati kao deo transfera znanja



Važni instrumenti koji će omogućiti nacionalnim centrima za bioekonomiju da izgrade svoje kapacitete u oblasti bioekonomije, povećavajući raznovrsnost ili višestranost izvora informacija koje mogu da dobiju.

E-rešenja za zelenu tranziciju

1. Inventar najboljih praksi
2. Platforma za e-učenje
3. Alat za samoocenjivanje
4. B2B alat za povezivanje poslovnih partnera



Inventar najboljih praksi



Prikazuje primere dobre prakse, postojeće on-line resurse i projekte vezane za bioekonomiju u pet oblasti, omogućavajući pristup informacijama i razmenu znanja.



STRATEGIJE I AKCIONI
PLANOVI BIOEKONOMIJE



MEĐUINSTITUCIONALNA
SARADNJA



EFIKASNA BIO-
BAZNA INDUSTRIJA



INDIKATORI PRAĆENJA
I EVALUACIJE



IZGRADNJA
KAPACITETA

Namenjen je širokom spektru zainteresovanih strana kako bi prikazali rešenja, mogućnosti i podržali proces izgradnje kapaciteta, sa ciljem održivog upravljanja i promocije zelene tranzicije.

Inventar najboljih praksi



ABOUT INVENTORY ABOUT PROJECT PARTNERS CONTACT

BEST PRACTICES

Topic Keyword

All

Previous Next

DEVELOPMENT OF THE BIOECONOMY IN BULGARIA: ENVIRONMENTAL AND REGIONAL SPECIFICS

#Bioeconomy strategy

CAPRICHOV DEVELOPING THE RESEARCH AND INNOVATION CAPACITY OF THE AGRICULTURAL UNIVERSITY OF PLODIV TO BOOST THE REGIONAL INNOVATION POTENTIAL IN BIOECONOMY

#Innovation

STRATEGY FOR DEVELOPMENT OF THE BIOECONOMY IN SLOVAKIA

#Bioeconomy strategy

STRATEGY AND ACTION PLAN FOR THE TRANSITION TO A CIRCULAR ECONOMY IN BULGARIA

#Bioeconomy strategy

STRATEGY TO STRENGTHEN THE ROLE OF THE AGRICULTURAL SECTOR IN THE BIOECONOMY

#Bioeconomy strategy

BULGARIAN NATIONAL ACTION PLAN FOR ENERGY DEVELOPMENT FROM FOREST WOOD DEMAND

#Bioeconomy strategy

UTILIZATION OF BIOGAS/BIOMETHANE FROM ENERGY PURPOSES - EFC IN AUSTRIA (BIO-LEAD)

#Bio-based industry

PROMOTING CIRCULAR ECONOMY IN THE CZECH REPUBLIC - NAVIGATE COOPERATION

#Bio-based industry

BIOECONOMY DEVELOPMENT IN SLOVENIA: STRATEGICAL, POLICY-LEVEL CASES FOR SUSTAINABLE CHANGE

#Bioeconomy strategy

TECHNOLOGICAL AND BUSINESS MODELS FOR CIRCULAR ECONOMY CONFERENCE

#Innovation

Topic Keyword OBLASTI

All

Economy strategies & action plans
Inter-institutional cooperation
Efficient bio-based industry
Monitoring & evaluation indicators
Capacity building
Innovation
Development of the bioeconomy in Bulgaria
Development of the bioeconomy in Slovakia
Development of the bioeconomy in Slovenia
Development of the bioeconomy in the Czech Republic
Development of the bioeconomy in the Czech Republic

STRATEGY FOR DEVELOPMENT OF THE BIOECONOMY IN SLOVAKIA

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#Bio-based industry

Topic Keyword KLJUČNE REČI

Serbia

BIOEASTUP - A BIOECONOMY BOOST FOR CENTRAL AND EASTERN EUROPE

MAINTAINING COOPERATION

SUBVERTING THE ESTABLISHMENT OF THE BIOMETHANE COOPERATION MODEL IN AUSTRIA (BIO-LEAD) IN THE BIO-BASED ECONOMY

SCALABLE TECHNOLOGIES FOR BIO-LEAD WASTE ECONOMY

CO-GRASS BUSINESS ASSESSMENT TOOLKIT AND "HOW TO GET STARTED MANUAL"

WELL-VALUE CHAIN GENERATION

WOODCHIMANAGER

REWECHUJA TRAINING PROGRAMME

Topic Keyword

Bioeconomy strategies & action plans

POWER4BIO: EMPOWERING REGIONAL STAKEHOLDERS FOR REALISING THE FULL POTENTIAL OF EUROPEAN BIOECONOMY

#Bioeconomy strategy

BIOEASTUP - A BIOECONOMY BOOST FOR CENTRAL AND EASTERN EUROPE

#Bioeconomy strategy

SUPPORTING THE ESTABLISHMENT OF THE INNOVATIVE GOVERNANCE MODELS TO ACHIEVE BETTER RESULTS IN THE BIO-BASED ECONOMY

#Bioeconomy strategy

BIODEAST AND SOCIAL INNOVATION TO REVITALISE EUROPEAN LOCAL COMMUNITIES

#Bioeconomy strategy

Topic Keyword

Serbia

ADRIATIC MODEL FOREST

#Cooperation

PROMOTING BIOGAS AS A RENEWABLE ENERGY SOURCE - THE SERBIAN BIOGAS ASSOCIATION

#Stakeholders engagement

#Capacity building

CURATIVE HERBS AND ESSENTIAL OIL PRODUCTION - SANICULA CO.

#Bioeconomy strategy

COLLECTION AND SUSTAINABLE MANAGEMENT OF WASTE: EDIBLE OILS AND NON-HAZARDOUS ORGANIC WASTE - ESO TRON

#Bioeconomy strategy



Inventar najboljih praksi



ABOUT INVENTORY ABOUT PROJECT PARTNERS CONTACT

COLLECTION AND SUSTAINABLE MANAGEMENT OF WASTE EDIBLE OILS AND NON-HAZARDOUS ORGANIC WASTE - ESO TRON

Title: Collection and sustainable management of waste edible oils and non-hazardous organic waste

Country/Region: Serbia/Novi Sad

Bio-based sector: Sustainable waste management, focusing on the collection and processing of waste edible oils and non-hazardous organic waste

Stakeholders involved: Eso Tron has partnerships with over 2,500 companies

Description:

Eso Tron, founded in 2011, is a pioneering Serbian company specializing in the collection and sustainable management of waste edible oils and non-hazardous organic waste. Operating throughout Serbia and in collaboration with partner companies across several European countries, Eso Tron has positioned itself as a reliable, long-term partner in the Western Balkans. With a clear vision of setting high standards in waste management, Eso Tron holds the ISCC EU certificate since 2013, reaffirmed annually. The company's commitment extends to environmental protection, customer dedication, and fostering reliable partnerships. Eso Tron aims to integrate top technology and modern production control methods.

As the largest collector of waste edible oils in Serbia, Eso Tron is the only company registered for the organizational collection and processing of organic waste. Notably, it obtained the first permit in Serbia for grinding and sanitizing organic waste, emphasizing its dedication to environmental responsibility. Eso Tron's environmental commitment is evident in its circular bioeconomy approach. The advanced recycling system maximizes the use of waste oil, contributing significantly to environmental preservation. Particularly impactful is Eso Tron's innovative approach to organic waste disposal. The company repurposes organic waste for renewable energy sources, ensuring absolute and immediate destruction without environmental pollution. Eso Tron issues legal certificates and documentation, assuring transparent and traceable destruction processes. Thanks to the ISCC EU standardization, Eso Tron has built a network of international partners and was the first company in Serbia that met all the conditions and received a permit for the export of collected waste.

Results/ lessons learnt:

Eso Tron's mission aligns with Serbian laws on waste disposal, preventing environmental pollution from waste oil and fats. The company's dedication to sustainability, legal compliance, and transparent processes makes Eso Tron a leading example in waste management and environmental protection in the region.

Link to the website: <https://esotron.rs/>

Ako primenjujete
inovativne prakse i
želite da podelite svoj
uspeh s većim brojem
ljudi, pridružite se
našem inventaru kao
primer dobre prakse.



Inventories of
best practices

Inventar je izradio Bioeconomy Cluster (BEC)
partner iz Slovačke.

Alat je dostupan na engleskom jeziku od
februara 2023. i vremenom se dopunjava.



CEE2ACT

Registrovanje



PRILOZI I MATERIJALI

ATTACHMENTS

 A safe operating space for humanity.pdf	
 Biomass production, supply, uses and flows in the European Union.pdf	
 Planetary Boundaries Exploring the Safe Operating Space for Humanity.pdf	
 Planetary boundaries_Guiding human development on a changing planet.pdf	
 Rockstroem-Sachs-Oehman-Schmidt-Traub_Sustainable-Development-and-Planetary-Boundaries.pdf	
 Socioeconomic Indicators to Monitor the EU's Bioeconomy in Transition.pdf	
 Three pillars of sustainability in search of conceptual origins.pdf	

RESOURCES

Report of the World Commission on Environment and Development: [Our Common Future](#)

United Nations: [Sustainability](#)

The UN Sustainable Development Agenda

Purvis, B., Mao, Y. & Robinson, D. [Three pillars of sustainability: in search of conceptual origins](#). *Sustain Sci* **14**, 681–695 (2019). <https://doi.org/10.1007/s11625-018-0627-5>.

Background paper for the High-Level Panel of Eminent Persons on the Post-2015 Development Agenda: [Sustainable Development and Planetary Boundaries](#)

Stockholm resilience Centre: [Planetary Boundaries](#)

Steffen, Will & Richardson, Katherine & Rockström, Johan & Cornell, Sarah & Fetzer, Ingo & Bennett, Elena & Biggs, Reinette & Carpenter, Stephen & Vries, Wim & de Wit, Cynthia & Folke, Carl & Gerten, Dieter & Heinke, Jens & Persson, Linn & Ramanathan, Veerabhadran & Meyers, Belinda & Sörlin, Sverker. (2015). ['Planetary Boundaries: Guiding Human Development on a Changing Planet'](#). *Science*. 10.1126/science.1259855.

Rockström, J., Steffen, W., Noone, K. et al. [A safe operating space for humanity](#). *Nature* **461**, 472–475 (2009). <https://doi.org/10.1038/461472a>

Platformu je izradio Geonardo Environmental Technologies Ltd (GEO), partner iz Mađarske.



**E-learning
platform**

Alat je dostupan na engleskom jeziku od marta 2024., a za nekoliko meseci biće postavljene verzije i na 10 nacionalnih jezika.

Alat za samoocenjivanje



Ima za cilj da podrži administrativne organe na nacionalnom, regionalnom ili lokalnom nivou u proceni trenutnog stanja razvoja bioekonomije u ciljanoj zemlji i pruži neke preporuke u vezi sa aspektima koje treba poboljšati kako bi se postavio odgovarajući okvir za sprovođenje inicijativa u oblasti bioekonomije i zelene tranzicije.

REGISTRACIJA

Get started with Us
Register a new membership

Organization name:

SA:

SA:

Region:

Country:

Address:

Geographical representativeness:

Language:

Competences:

- ☐ Agriculture, Fisheries and Food
- ☐ Digital Transformation
- ☐ Cooperation
- ☐ Science and Innovation

KORISNIČKI NALOG

Кориснички подаци

Organization name:

SA:

SA:

Region:

Country:

Address:

Geographical representativeness:

Language:

Competences:

- ☐ Poljoprivreda, ribarstvo i hrana
- ☐ Digitalna transformacija
- ☒ Saznati
- ☒ Nauka i inovacije
- ☐ Kultura i sport
- ☐ Socijalna pravila i jednakost
- ☐ Održivost i usluge
- ☐ Finansije
- ☐ Mrežice
- ☐ Industrije, trgovina i turizam
- ☐ Prevozi
- ☐ Telekomunikacije
- ☐ Zdravlje
- ☐ Socijalna ekonomika i ekonomski nivo
- ☐ Transport i mobilnost
- ☐ Evropska tranzicija
- ☐ Demografija
- ☐ Drugo

[Izmeniti detalje](#)

KORISNIČKI PANEL

Упитник

Наставите са попуњавањем упитника. Када унесете све потребне информације, видећете резултате добијене на основу изабраних одговора.

[Пристапите упитнику](#)

Финализирање

Завршите све обрасце и затворите текућу годину.

* Резултати ће бити генерисани и обрађени на крају године. Од тада нећете моћи да пратите квалитет промена.

Период

Активни период је:
2023-01-01 / 2023-12-31

* Први део циклуса одговора је јединица, тако да ће завршени период за крајњи део јединица бити дефинисан. Због тога је крајњи период од неопходног, али се не издваја у посебан период преко иконе календарског јединица.

[Списак периода](#)

Резултати

Графикони добијени из резултата активног периода

* Завршите упитник да бисте приступили резултатима

[Погледајте резултате](#)

Кориснички подаци

Промените своје главне податке и пристапите подацима на платформи.

[Унеси податке](#)

Alat za samoocenjivanje



UPITNIK

CEE2ACT

INSTITUTE OF FORESTRY

Koliko je ukupna površina šumskog zemljišta u regionu/državi (u hektarima)?

- ☐ Nema sig. informacija
- ☐ Imanje 50 000 - 100 000 ha
- ☒ Veće od 300 000 ha
- ☐ Manje od 50 000 ha

Koliko je udio ukupne površine šumskog zemljišta u ukupnoj regiji/državi?

- ☐ Šumsko zemljište zauzima više od 71% teritorije
- ☒ The forestland occupies from 51 to 50% of the
- ☐ Šumsko zemljište zauzima od 51 do 70% teritorije
- ☐ Šumsko zemljište zauzima od 11 do 50% teritorije
- ☐ Šumsko zemljište zauzima od 0 do 10% teritorije

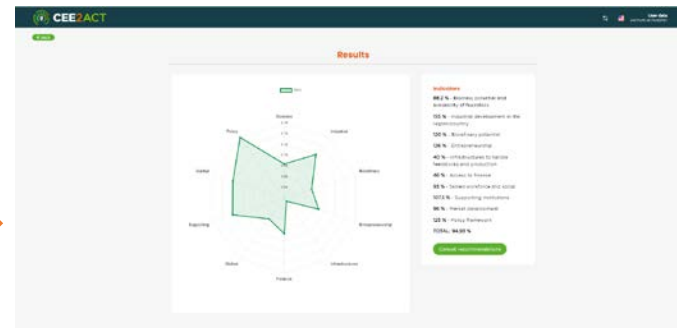
Koliko je ukupna površina posebnih poljoprivreda u regionu/državi (u hektarima)?

- ☒ Veće od 300 000 ha
- ☐ Nema sig. informacija
- ☐ Imanje 200 000 - 300 000 ha
- ☐ Imanje 100 000 - 200 000 ha
- ☐ Manje od 100 000 ha

Koliko je udio zemljišta koje zauzima poljoprivreda u regionu/državi?

- ☐ zemljište zauzima više od 71% teritorije
- ☒ zemljište zauzima poljoprivrednu aktivnost zauzima od 51 do 70% teritorije
- ☐ zemljište zauzima poljoprivrednu aktivnost zauzima od 11 do 50% teritorije

REZULTATI



PREPORUKE

CEE2ACT

Recommendations

- ☐ 1. Increase potential and sustainability of forests
- ☐ 2. Increase potential in the region/country
- ☐ 3. Increase potential
- ☐ 4. Increase potential
- ☐ 5. Increase potential to forest land area and population
- ☐ 6. Increase to forests
- ☐ 7. Forest land area and social
- ☐ 8. Increasing contribution
- ☒ 9. Forest land area
- ☐ 10. Forest land area



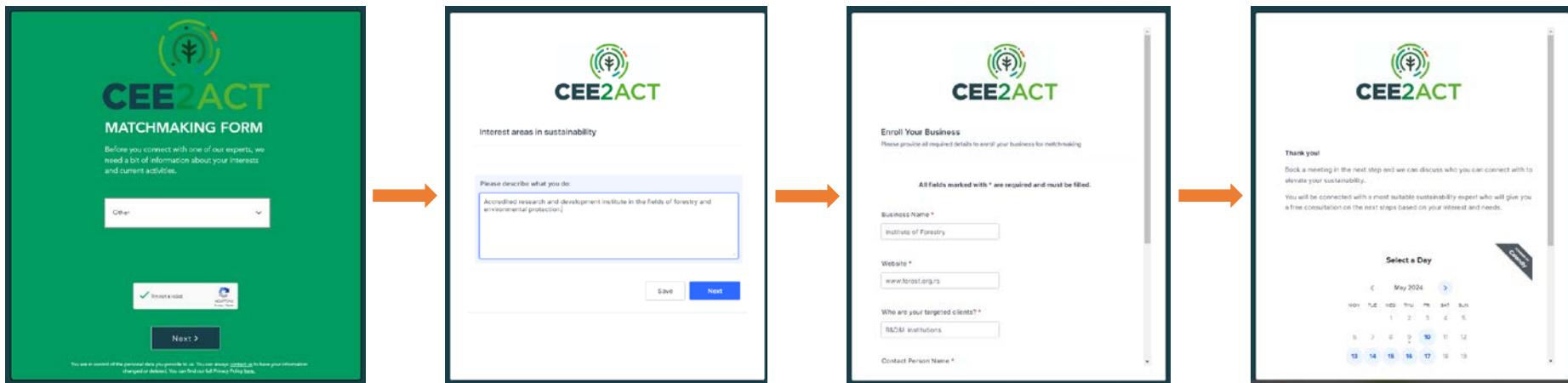
Self-assessment
app

Alat je izradio CIRCE, partner iz Španije.
Dostupan je od marta 2024. na engleskom i
još 10 nacionalnih jezika.

B2B alat za povezivanje poslovnih partnera CEE2ACT

Omogućava zainteresovanim akterima (MSP, velikim kompanijama, razvojno-istraživačkim institucijama, univerzitetima, itd.) da izgrade partnerstva koja će rezultirati konkretnim projektima ili saradnjom.

Platforma je „tržište“ gde akteri bioekonomije mogu da traže i upoznaju potencijalne partnere iz drugih regiona.



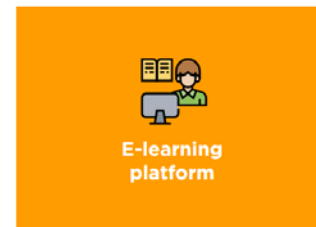
The flowchart illustrates the four steps of the CEE2ACT Matchmaking Form process:

- Step 1: Matchmaking Form**
A green screen with the CEE2ACT logo and the title "MATCHMAKING FORM". It includes a "City" dropdown menu, a "Save" button, and a "Next >" button. A small note at the bottom states: "You are in control of the personal data you provide to us. You can always update or delete it in your account settings." A "Privacy Policy" link is also visible.
- Step 2: Interest areas in sustainability**
A white screen with the CEE2ACT logo and the title "Interest areas in sustainability". It prompts the user to "Please describe what you do:" and includes a text area with the example: "Accredited research and development institute in the fields of forestry and environmental protection." There are "Save" and "Next" buttons.
- Step 3: Enroll Your Business**
A white screen with the CEE2ACT logo and the title "Enroll Your Business". It prompts the user to "Please provide all required details to enroll your business for matchmaking." It includes fields for "Business Name *" (with "Institute of Forestry" entered), "Website *" (with "www.borac.org.rs" entered), "Who are your targeted clients?" (with "R&D institutions" entered), and "Contact Person Name *". A note states: "All fields marked with * are required and must be filled." There is a "Next" button.
- Step 4: Thank you**
A white screen with the CEE2ACT logo and the title "Thank you". It includes a "Back a meeting in the next step and we can discuss who you can connect with to elevate your sustainability." and a "You will be connected with a most suitable sustainability expert who will give you a free consultation on the next steps based on your interest and needs." It features a "Select a Day" calendar for May 2024, with the 13th highlighted. A "Go" button is in the bottom right corner.

B2B alat za povezivanje poslovnih partnera CEE2ACT



Platformu je izradila Anteja, partner iz Slovenije.



Alat je dostupan na engleskom jeziku od januara 2024. godine.



Hvala!

Dr Nevena Čule,
vođa Nacionalnog centra za
bioekonomiju

Pitanja?
Možete me kontaktirati
nevena.cule@forest.org.rs

Pratite nas na
društvenim mrežama!

