

# Implementing Bioeconomy in Serbia

SNR Zasavica: From Theory to Practice

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# About Zasavica

- This Special Nature Reserve is the former and abandoned riverbed of Sava River covering 671 hectares
- It is characterized by the presence of rare, endemic and relict species of birds, herbs and animals
- It was put under protection in 1997, on the proposition of the Institute for Protection of Nature of Serbia
- In addition, it offers great educational and recreational possibilities, including wildlife observation, sports, bird-watching, fishing, boat rides, camping, photographing and hiking



# About Zasavica

- The main attraction in the reservation are the reintroduced beavers
- There are over 600 species of plants are recorded in the reservation
- 150 species of Fungi has been widely distributed in the entire reservation, in every eco-system
- Though dozens of species of trees are found, forests, which make 16.74% of the reservation
- Mangalitsa is the only surviving autochthonous Serbian breed of domesticated pig. Its fat has up to 80% less cholesterol and triglycerides than a common, white pig





- Old species – Mangalitsa, donkeys, Podolian cow
- Selling livestock
- Product line
- Supporting and educating farmers who want to breed old species



# Bioeconomy in SNR Zasavica



# Products from SNR Zasavica



- Donkey cheese – world's most expensive cheese
- Donkey meat, milk & liquor
- Soap and body lotions from donkey milk

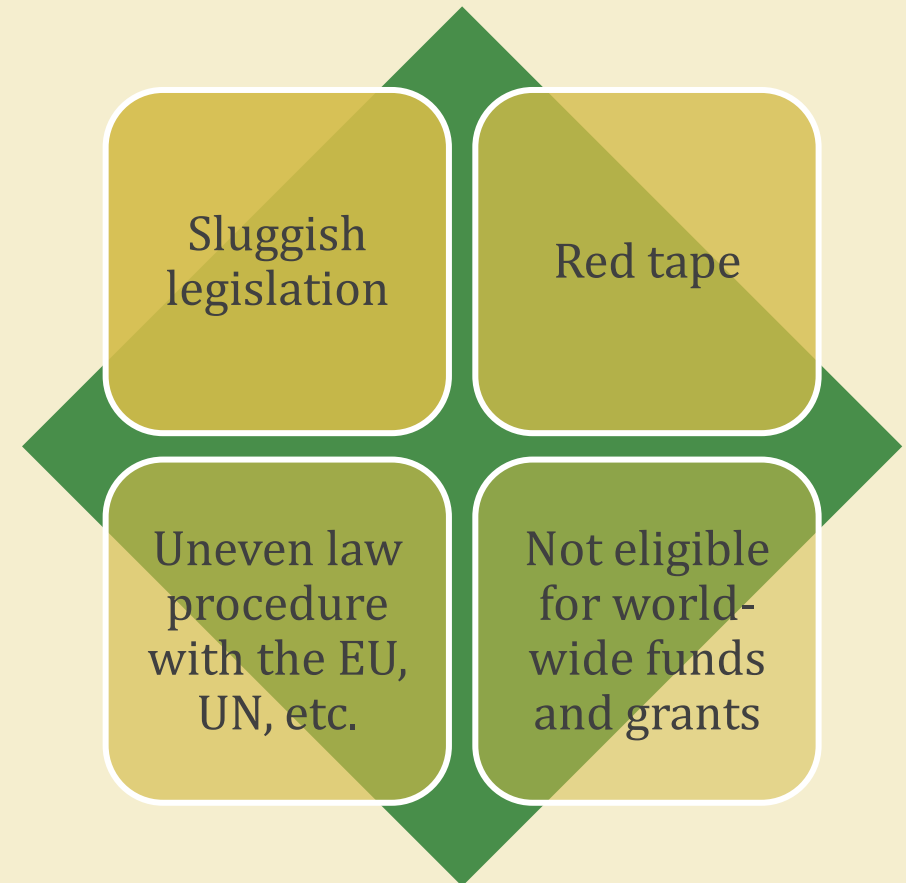


# Obstacles in implementing BE

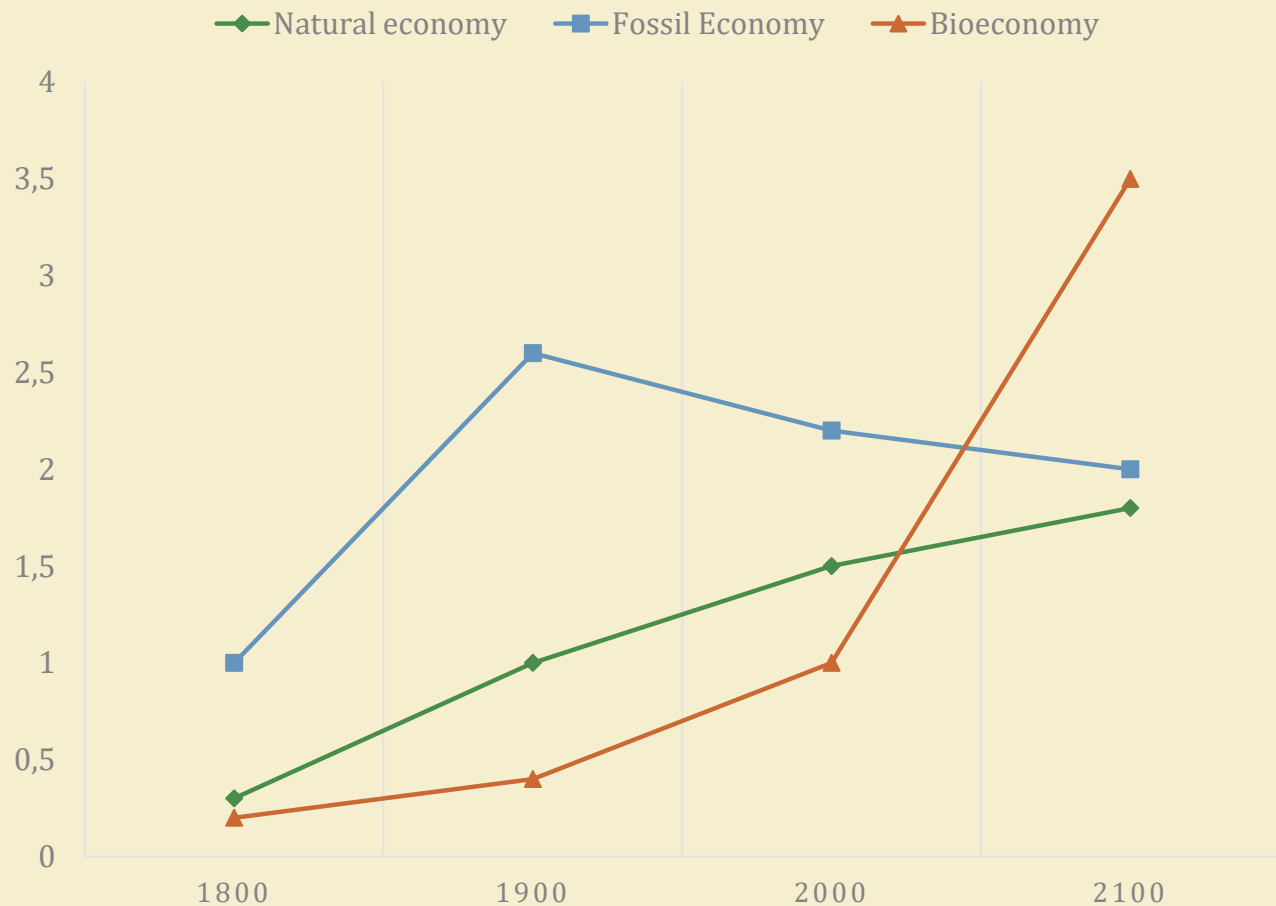
- Social issues – everyone wants to live in the city; underdeveloped rural areas
- Educational issues – low level of education among farmers
- Financial issues – no subventions; high initial investments
- Policy and legislation

# Policy and legislation

- Established roots of linear economy
- Lack of legal framework for new technology
- Unmotivated to take risk
- Draconic penalties



# Recommendations for implementing BE in Serbia



- Opportunities for SMEs
- Utilization of sophisticated biotechnology (e.g. biomass, large-scale cultivation of algae, etc.)
- Eligibility for non-repayable funds



# Thank you for your attention!

## Any questions?

### References:

Bioeconomy: Policy Implementation, EC, Dr. Antonio Di Giulio

Results of the JRC-SCAR Bioeconomy Survey, J.W.A. Langeveld

The Finnish Bioeconomy Strategy 2014

Towards ideal growing conditions for the BioEconomy, Briefing Paper for the Dutch EU Presidency

Implementing Bioeconomy with Electrobiorefinery, European Cooperation in Science and Technology

Building a high value bioeconomy: Opportunities from Waste

Bioeconomy Policy (Part II) Synopsis of National Strategies around the World, A report from the German Bioeconomy Council

Bioeconomy in everyday life: Catalogue Bioeconomy Apartment, Exhibition, 9-10 November, Brussels, 2015, European Commission