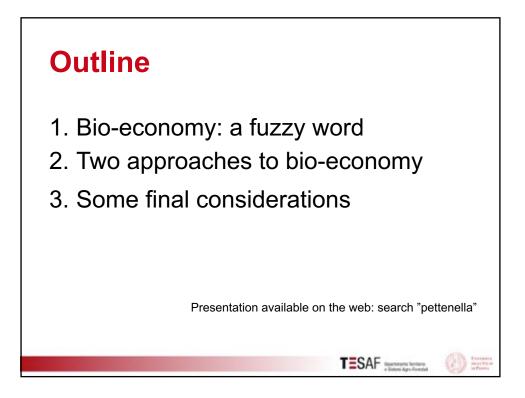
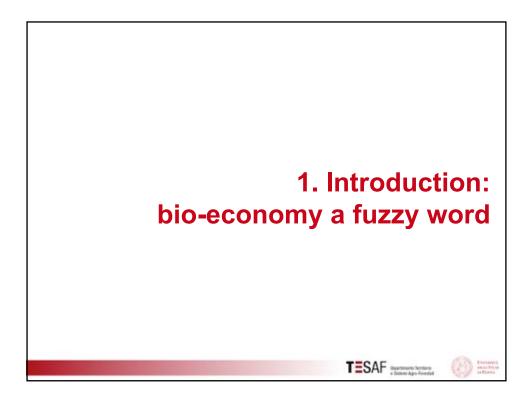
Ukrainian National Forestry University International Scientific Conference "National Forestry Education and Science in the Context of World Trends" Lviv, 11.10.2018

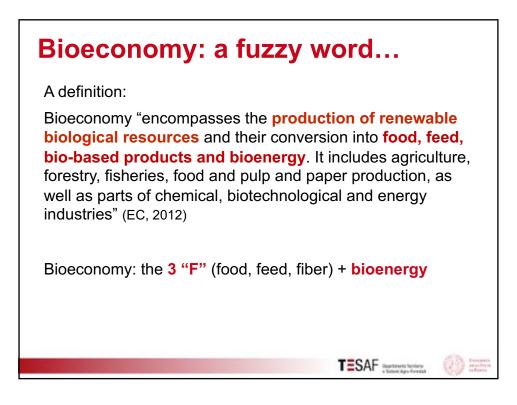
Bio-based economy: are we going to enhance the market power of forest owners?

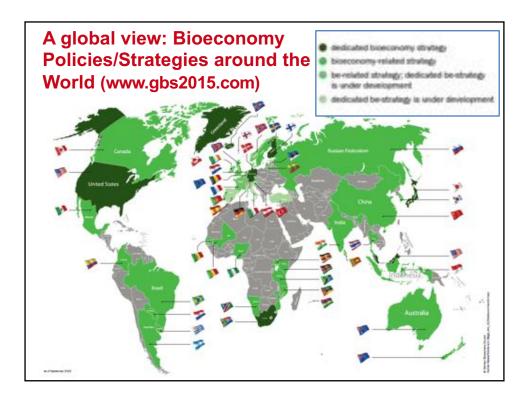
Davide Pettenella TESAF Dept. – University of Padova

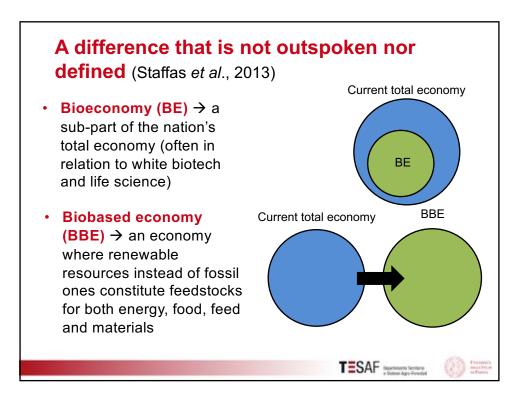
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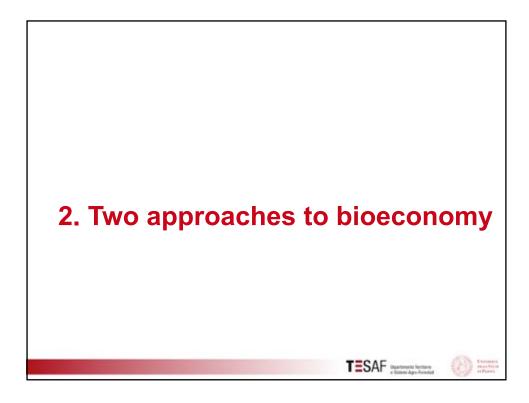


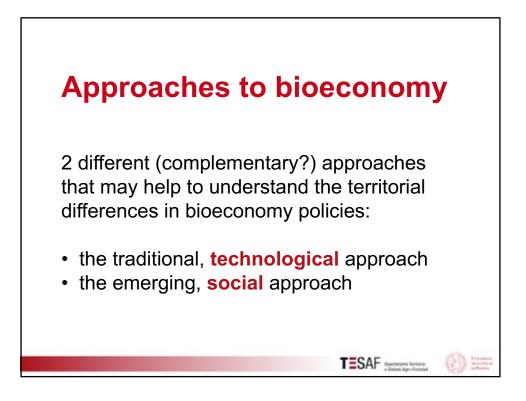


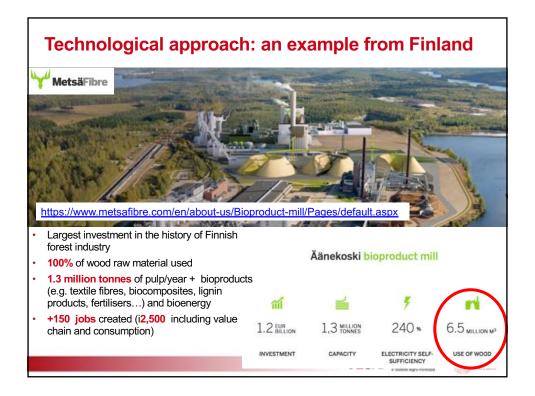


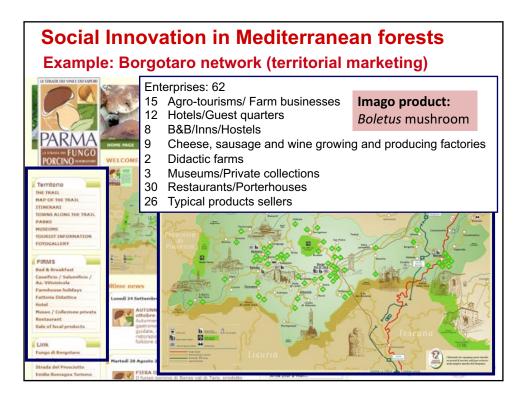




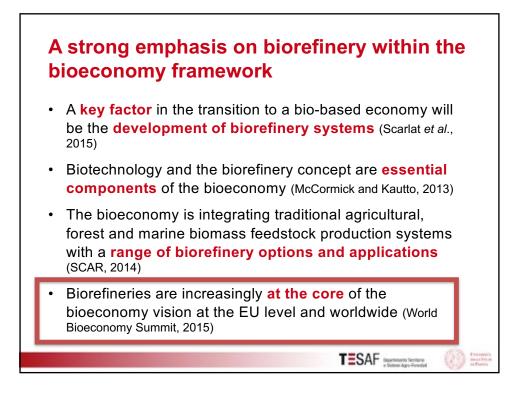


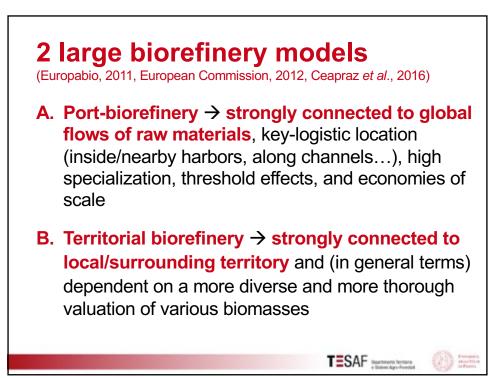


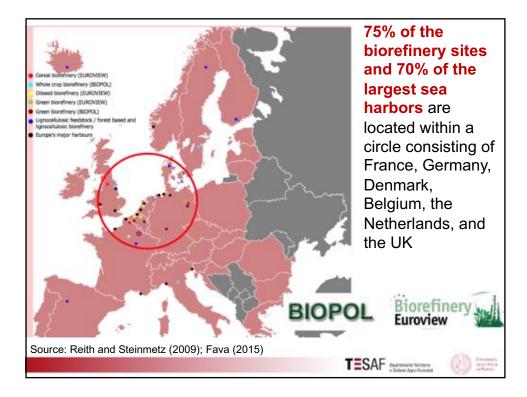




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	Technological approach	Social approach
Focus on	 Technological innovations Large scale investments Value chain perspective Sectoral development Vertical integration 	Social innovations Small scale Networks Cross-sectoral development Horizontal integration (= forest and agriculture as the green infrastructures for rural development)
Input/output diversification	1 or more inputs Diversification in outputs	Diversification in the use of inputs High added value products & services
Market power	Increasing role of business owning/controlling the (new) technologies	Role of networks, groups, associations, public-private partnerships
Model regions	Northern EU (UK, Scandinavian countries)	Southern EU (Mediterranean region)

	Technological approach	Social innovation approach
Focus on	Adaptive strategy ("Old wine in new bottles") → conventional wisdom of innovation generation	Bioeconomy: an opportunity to re- think to our consumers' patterns
Input/output diversification	Focus on forests, agriculture, fishery as raw materials providers with biotechnology being	 It not only considers the protection of natural capital, "but it stresses as well the importance
Market power		of addressing equity and social inclusion challenges in moving
Model regions	the engine of the growth	toward a green economy"

