

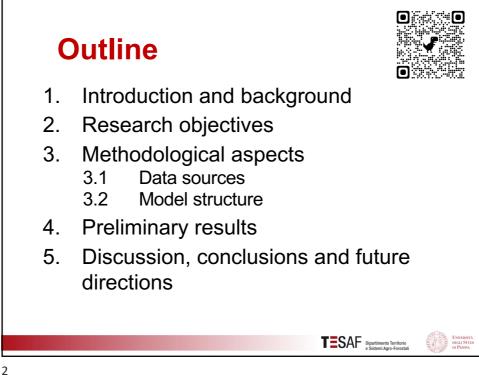
Circular Bioeconomy as a Contribution to Forest Conservation: Insights from Italy's Wood-Based Industries

Muhammad Tayyab Khan, Mauro Masiero, Davide Pettenella, Paola Gatto, Nicola Andrighetto

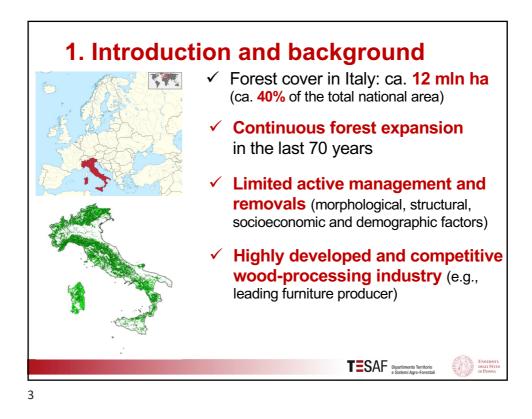
04th February 2025

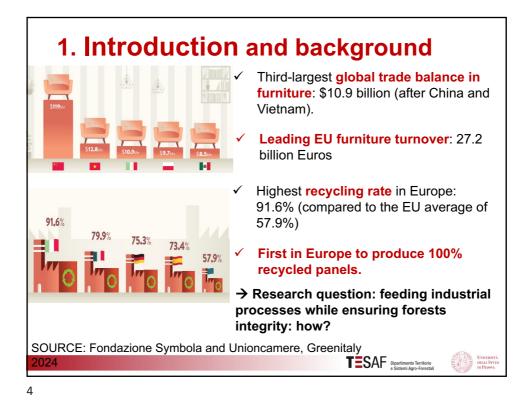
Finanziato dall'Unione europea NextGeneratorEU Ministero e dell'Università e della Ricerca

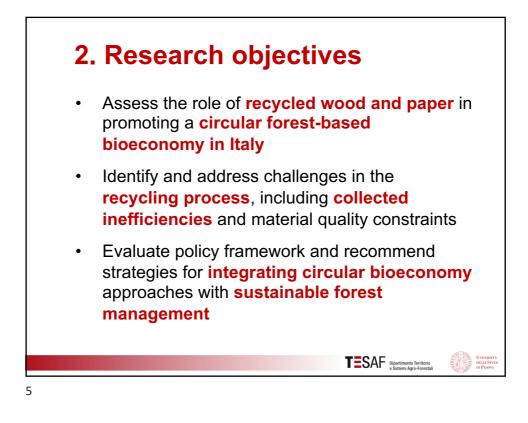


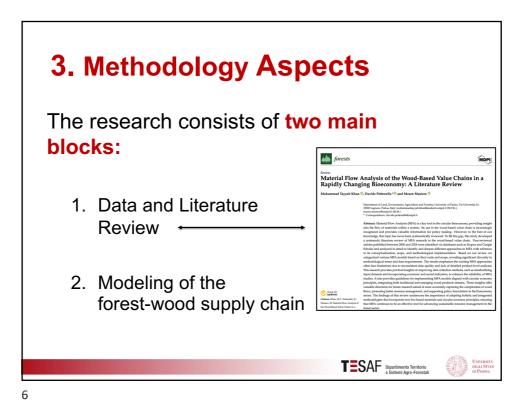


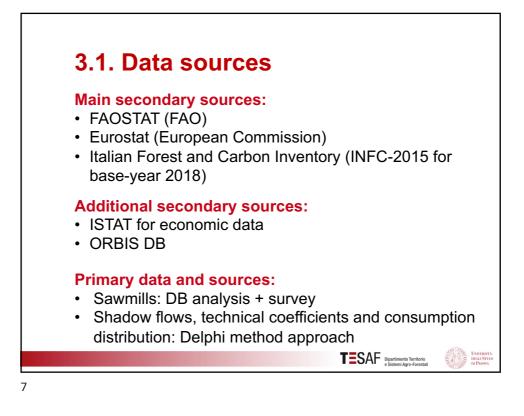


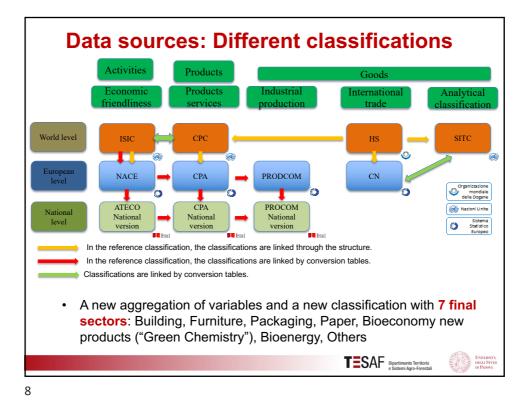


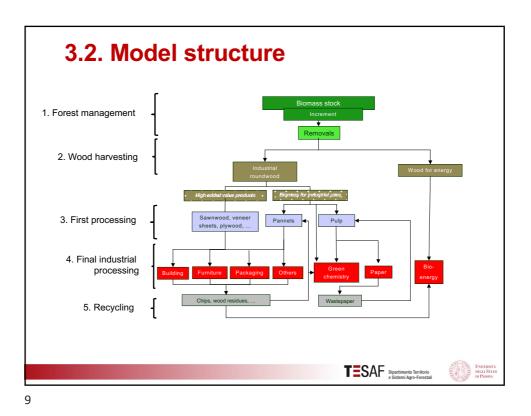


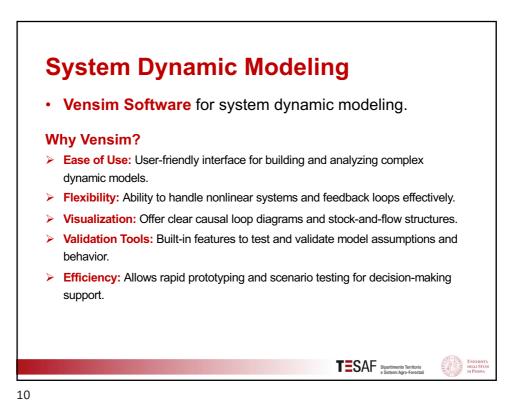


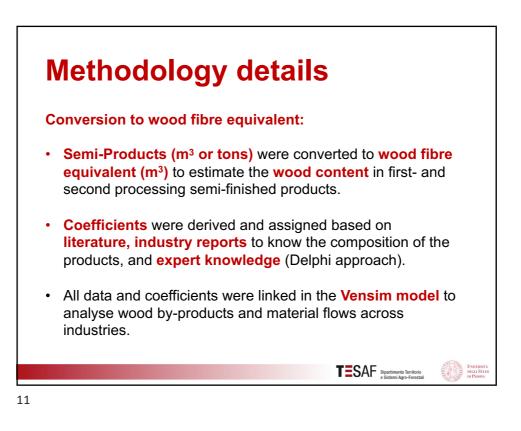


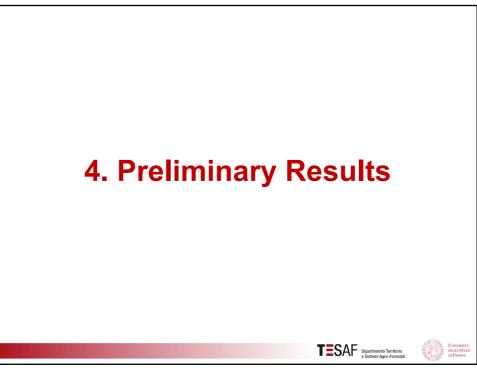


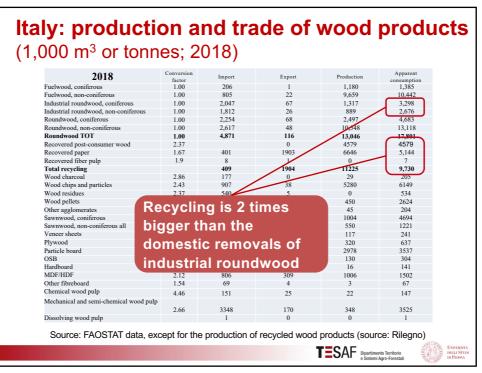


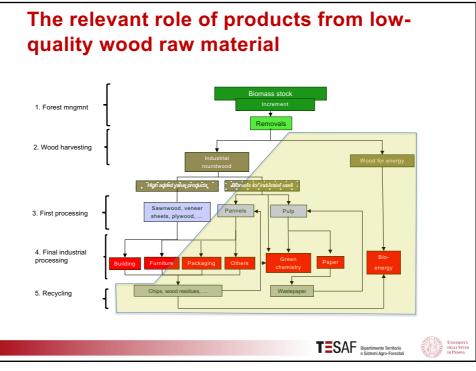


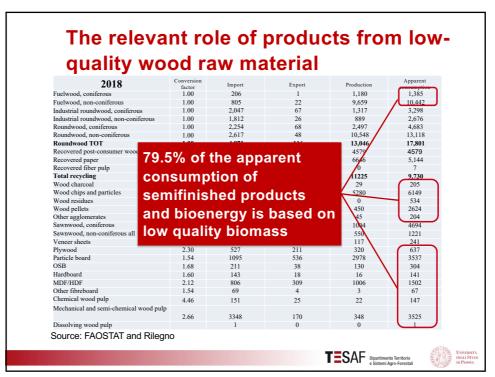


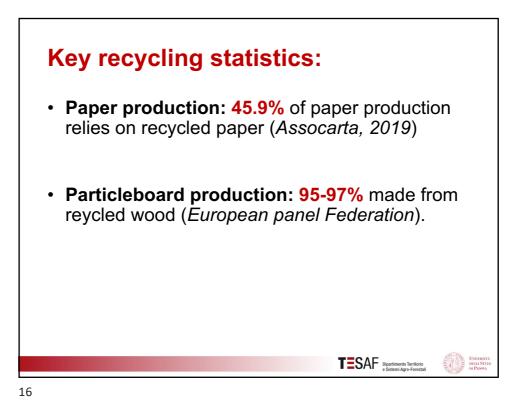


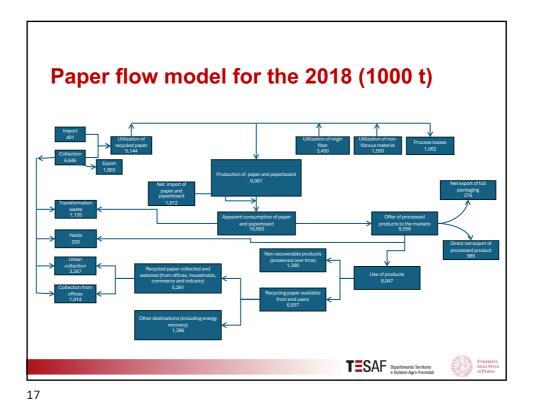


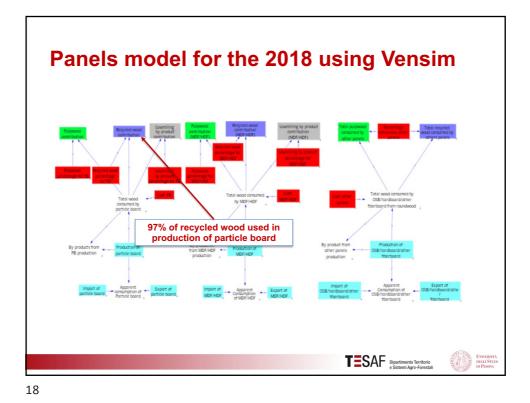














- Exploratory nature of the research.
- Results serve as groundwood for future model refinement.
- Forest management insights:
 - Italy removes approx. 30% of its net annual increment, among the lowest in EU.

n EU forests, 2022

Future Directions:

impacts.

• **Improving the model** to make it more precise and dynamic.

balanced, sustainable

marginal/mountain areas,

Improved forests = less

utilization → opportunities for

vulnerable to climate change

socioeconomic development in

 Testing policy scenarios and developing industry strategies.

TESAF Dipartimento Territorio

