

Carbon neutrality in Bio-economy

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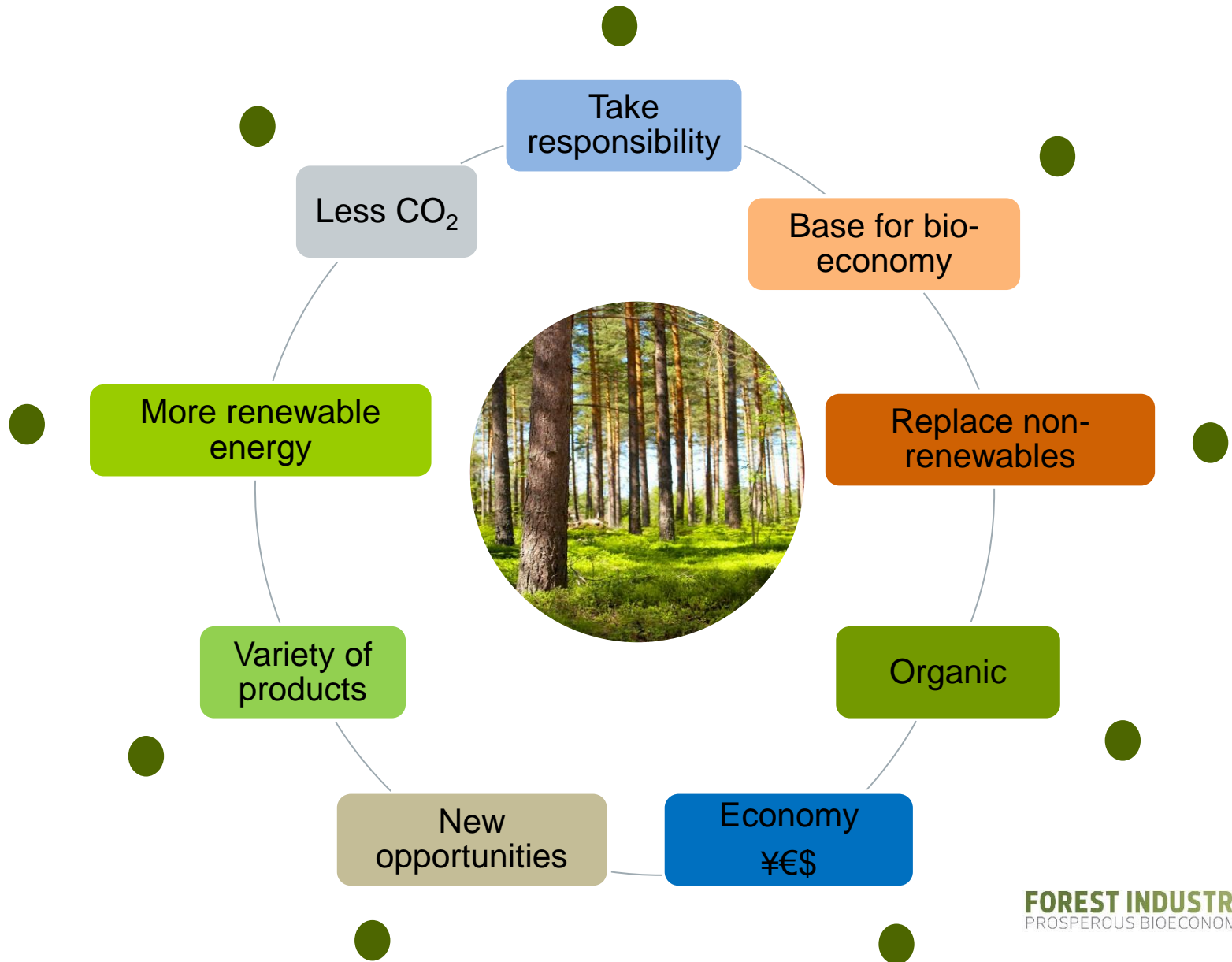
Finnish Forest Industries Federation

Building Blocks for Bio-economy

- Climate friendly products
 - Alternatives to non-renewable materials & fossil fuels
- Well growing forests
 - Maintaining carbon pools
- Proper forest carbon accounting
 - The basis of carbon neutrality in energy production



The Bio-economy Wheel of Fortune



Suspicious minds – *Is bio-economy really that good?*

- Yes, trees are renewable
- Yes, there is a natural carbon cycle
- Yes, such cycle does not add carbon to the atmosphere if not over-harvested
- But, is the forest carbon accounted anywhere?



*Give me a break,
I'm accounting!*

All countries should!

Proper accounting already exists



- Each emission source is allocated to a specific sector
- Harvesting is accounted in land use sector (LULUCF)
- IPCC Principle: **NO DOUBLE COUNTING → wood should not be accounted also in energy sector**
- **We need more countries to commit to forest carbon accounting**
 - **To keep carbon neutral status of wood in energy production**

Bio-economy footprint

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Something positive to *grow*





EVOLVING
FOREST INDUSTRY
PROSPEROUS BIOECONOMY