

Update from the Strategy Group

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BIO4ENERGY



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Bio4Energy Researchers' Meeting
June 17, 2020



Strategic Research Areas

- The 2008 Government Bill 'A Boost to Research and Innovation' proposed support for 20 Strategic Research Areas (SRA:s):
 - research that, in the long term, has the prerequisites to be of the **highest international quality**
 - research that can contribute towards fulfilling major needs and **solving important problems in society**
 - research in areas that have a **connection with the Swedish business sector**
- **Energy** one of 20 SRA:s
- Initially 43 Strategic Research Environments (SRE:s) (of which 3 in the SRA Energy)
- The Energy SRE:s include Bio4Energy, Chalmers Energy Initiative, and StandUp for Energy

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Bio4Energy I: 2010-2014 + 2015

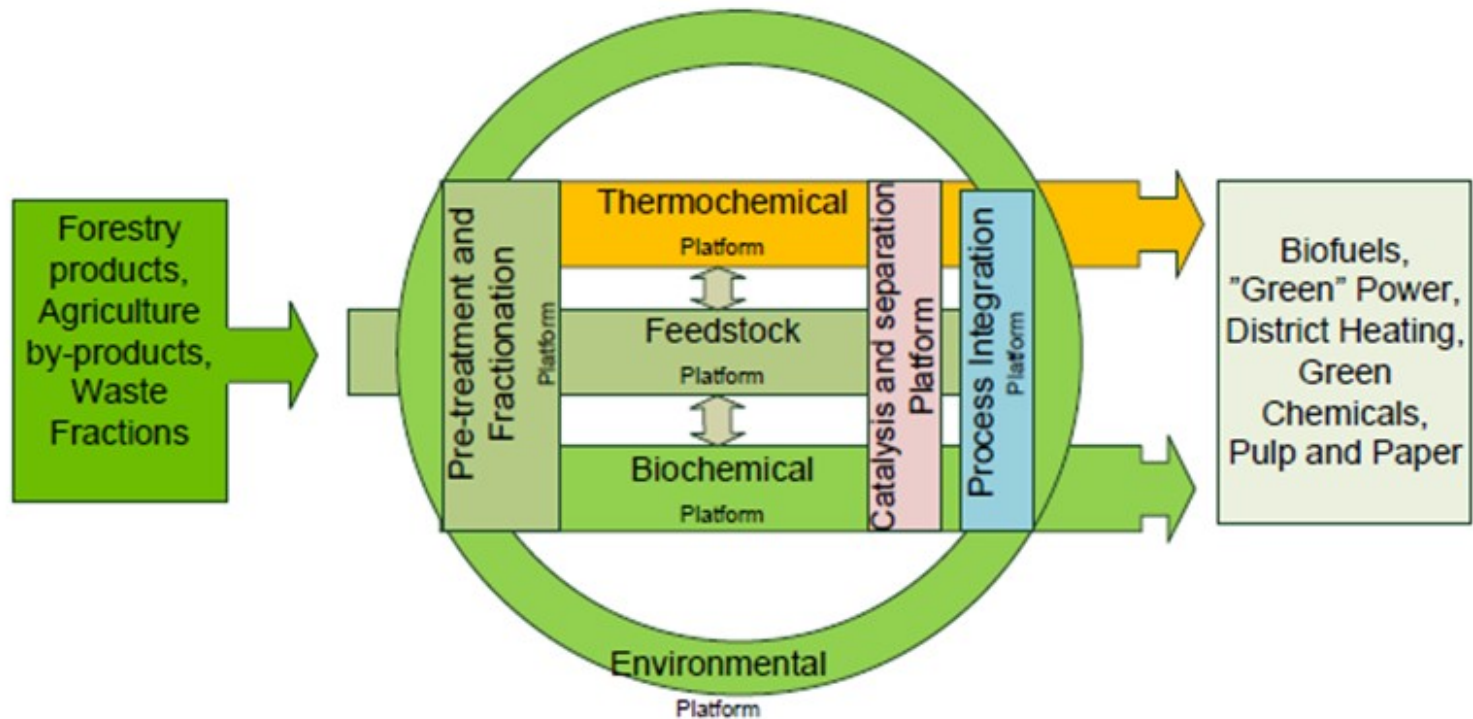
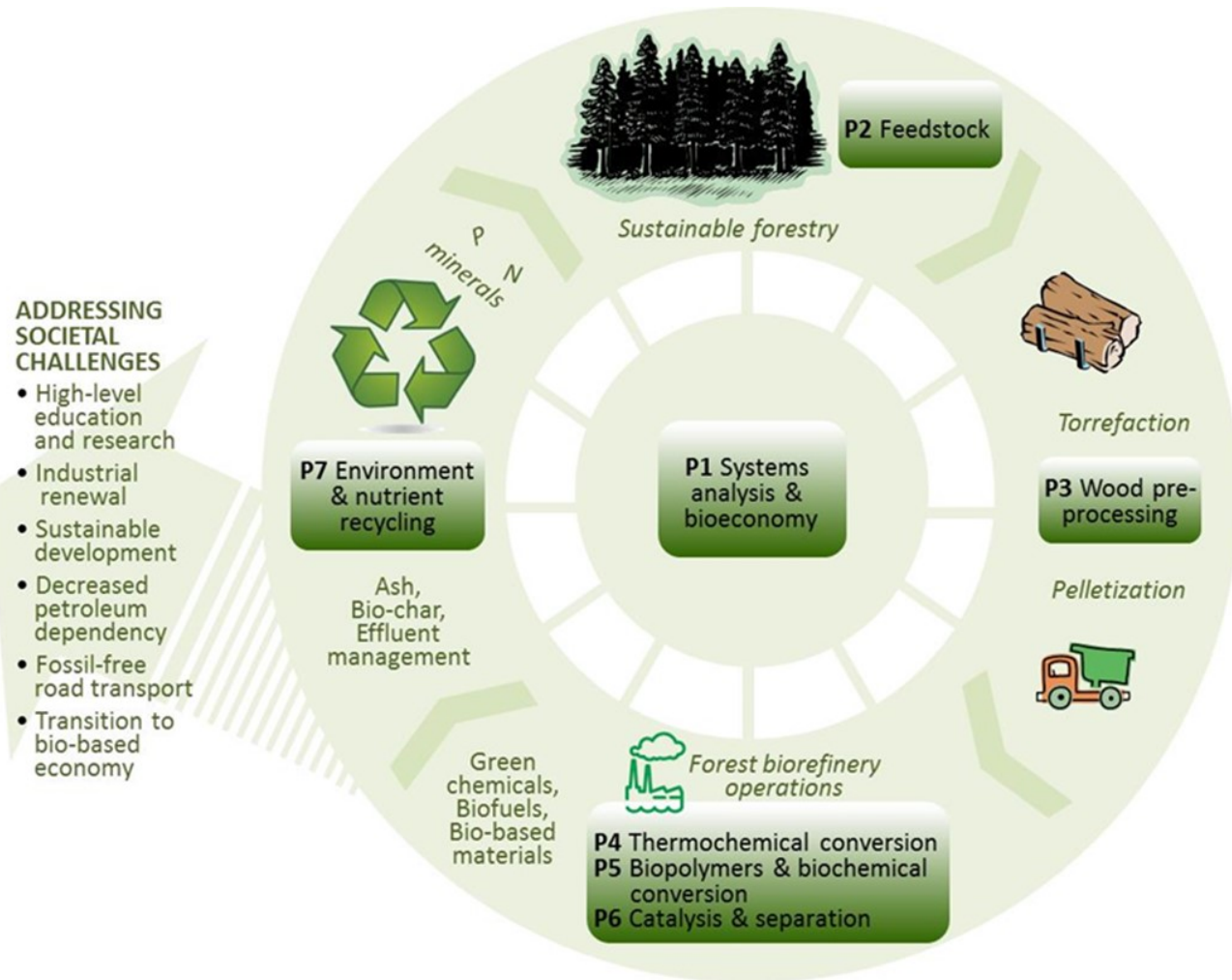


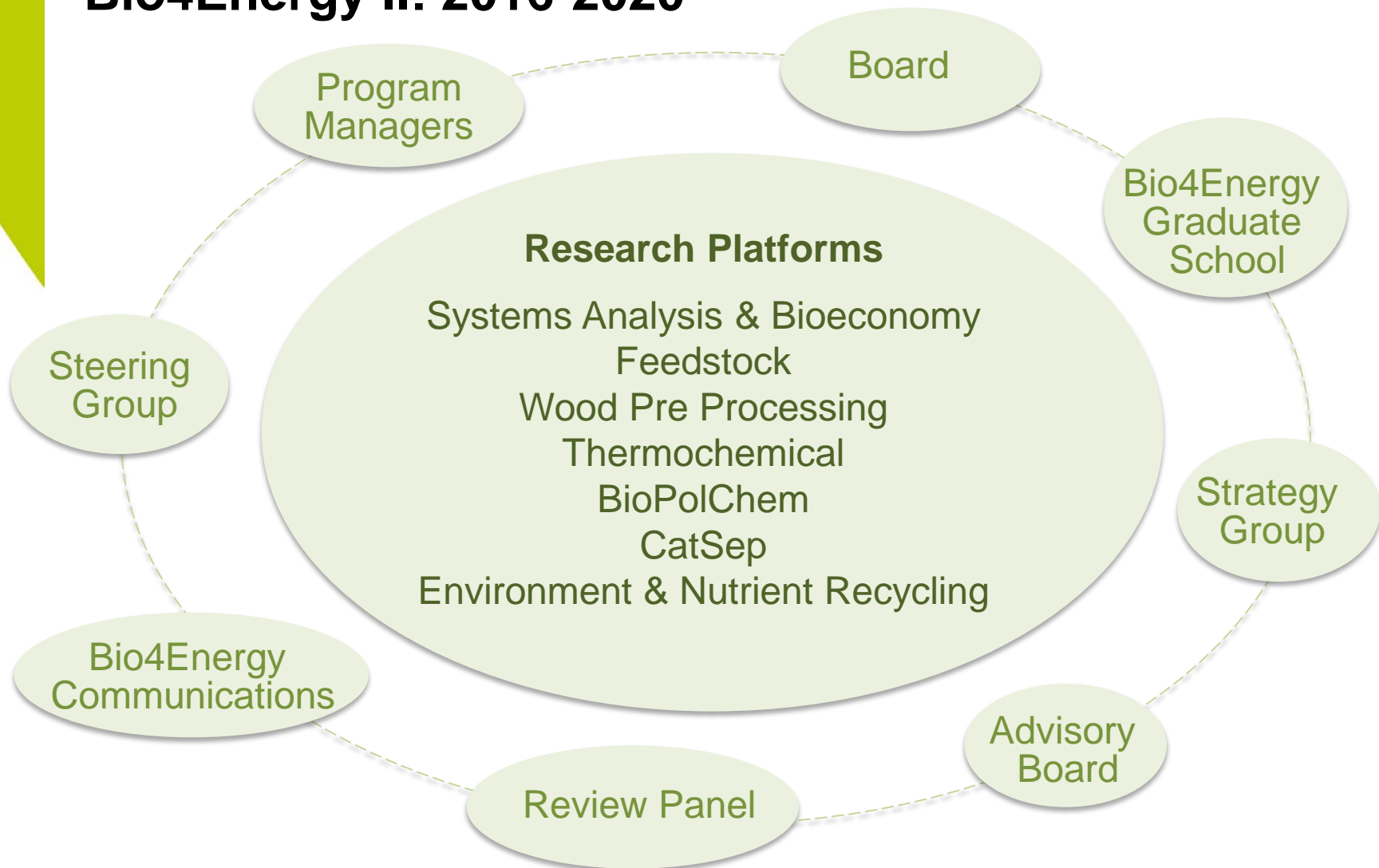
Figure 1 Value-chain from raw material to consumers: tools and methods.

Bio4Energy II: 2016-2020



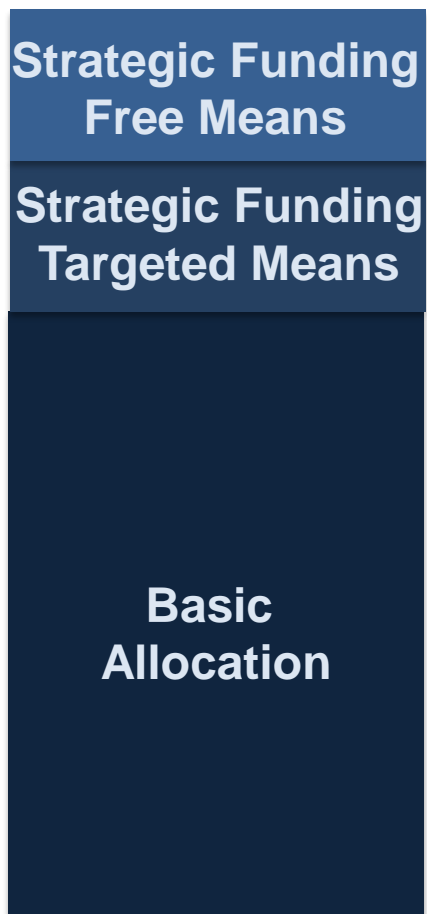
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Bio4Energy II: 2016-2020



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Bio4Energy II: 2016-2020



- Strategic funding always aims at promoting collaboration between different parts of Bio4Energy

Preparations for Bio4Energy 2021-2025 include

- Context Analysis
- Program Plan 2021-2025

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Bio4Energy's Context Analysis (Preliminary)

Conversion of Lignocellulosic Biomass for the Bioeconomy - An Analysis of the National and International Context

Bio4Energy, 2020

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Bio4Energy's Context Analysis

- The **Strategy Group**
- The **Seven Research Platforms**
- A Panel of **External Reviewers**

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Bio4Energy's Program Plan 2021-2025

Platform texts in Program Plan of Bio4Energy

- Highlights of research in third program period
- Challenges addressed
- Novelty of research and contribution to value chains
- Resources
- Collaborations and synergistic effects
- Societal impact

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Bio4Energy's Program Plan 2021-2025

- Address societal and scientific-technological challenges
- Focus on sustainability and replacement of fossil counterparts
- Aim at achieving synergistic effects with other R&D efforts and with industry
- Explain how important research results are transferred to other parts of society
- Communicate how the planned research is new compared to research in previous program periods

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Thank you for your attention



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