



STRATEGISKA
INNOVATIONS-
PROGRAM



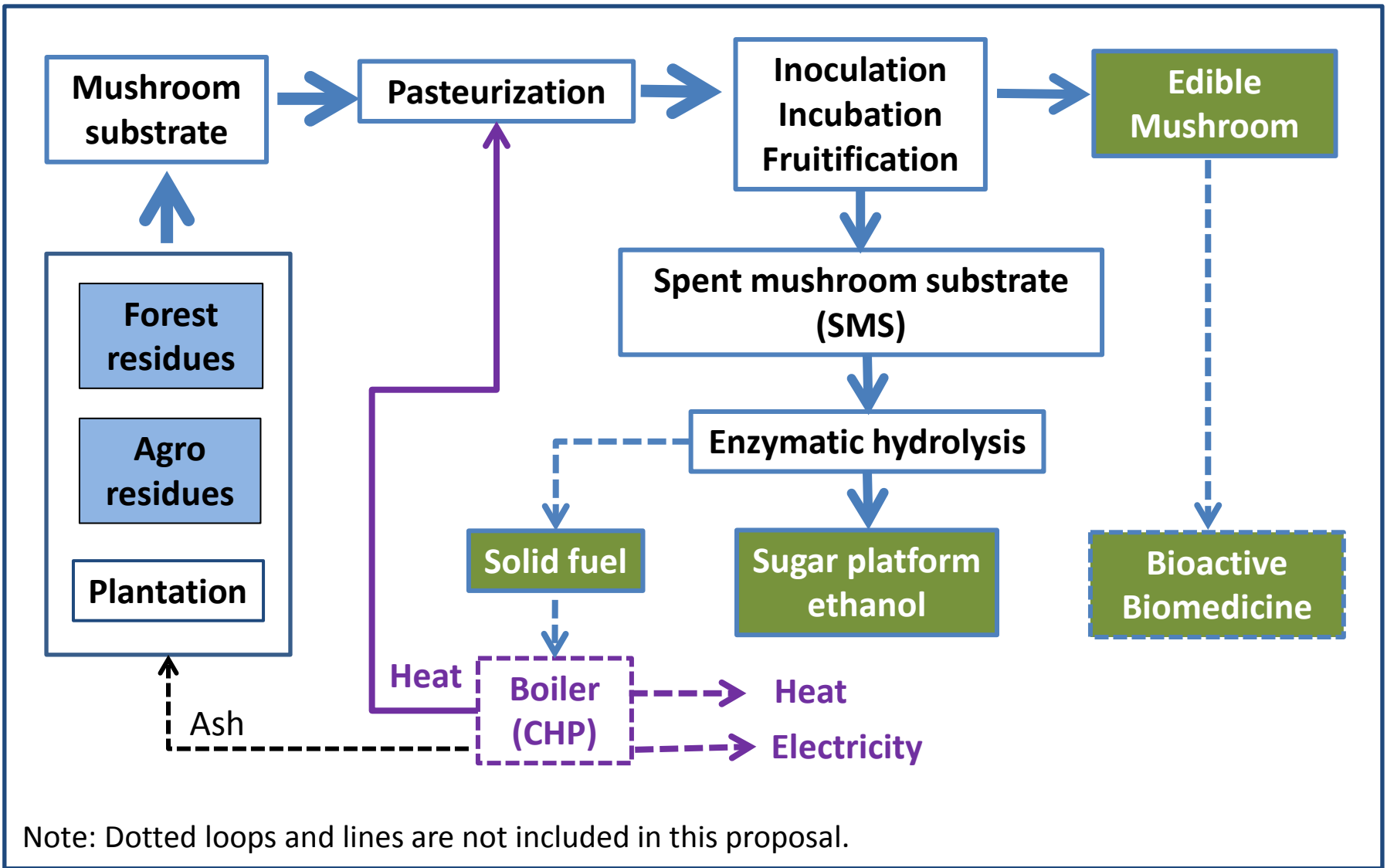
Forest residues for combined edible mushroom and biofuel production (comush)



ProcessIT
Innovations

SwedFungi AB
*Happy Mushroom
Happy Life*





Forest residues for combined mushroom and biofuel production

Expected results

- **Nutritional balanced formulas of growing substrates**, which shall give not only good yield of mushroom, but also enable a lowering of the lignin content in SMS
- **Process parameters of pasteurization**, which have to favour both the integration of heating source and mushroom production chain, and the enzymatic conversion of SMS.
- **Specification of operational conditions** of a tailored process for ensuring a high degree of enzymatic hydrolysis of the cellulose contained in the SMS
- **An economic and environmental assessment** on the industrial chain, from forest residue to the product of mushroom and biofuel
- **A policy assessment** of the barriers and opportunities

Thank you for your attention!

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