

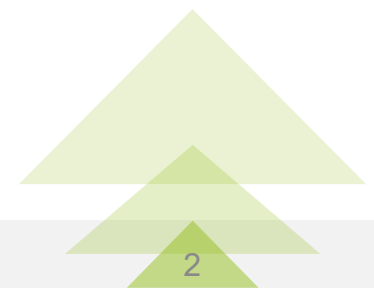
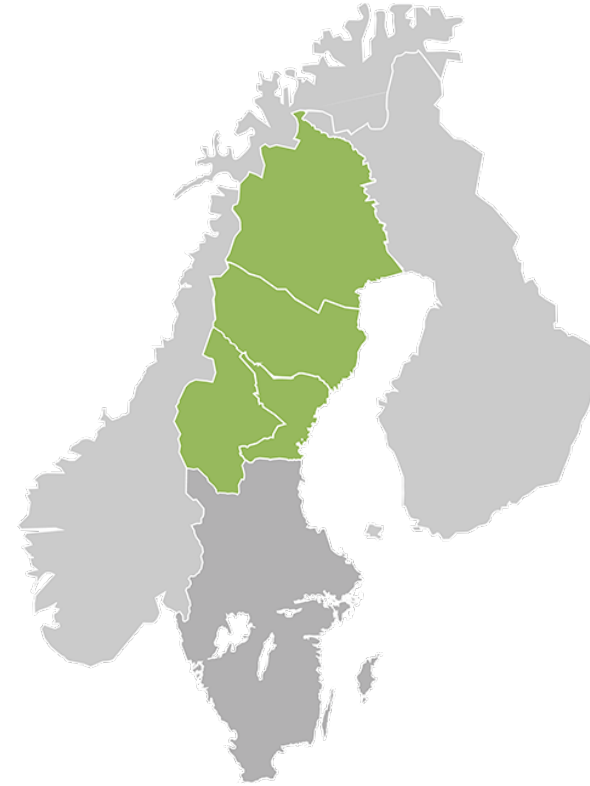
CROSS-REGIONAL ASSESSMENT WORKSHOP

Region:

Northern Sweden
BioFuel Region



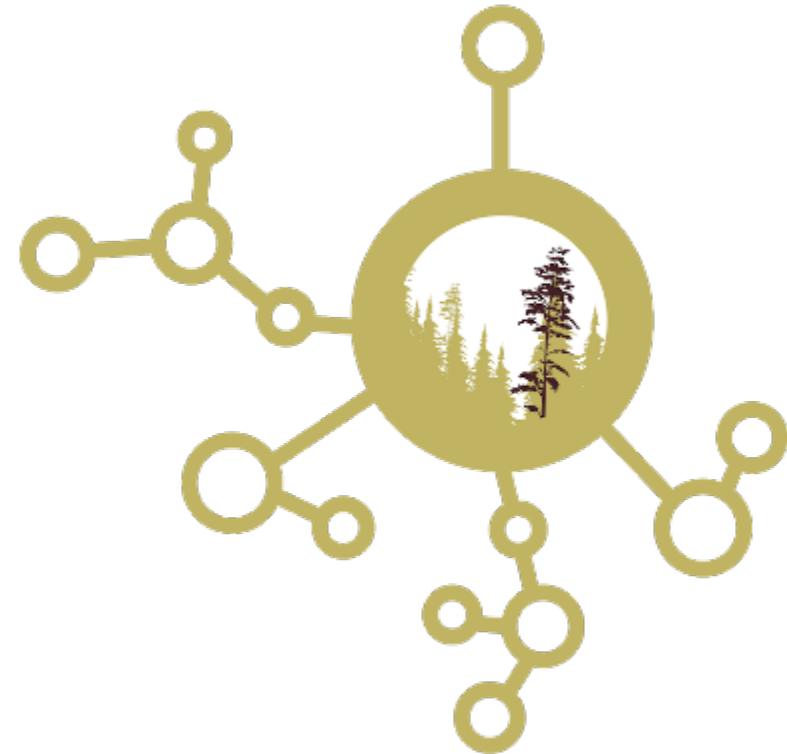
Northern Sweden
97 % of the productive land
is covered with forest



BRIEF OVERVIEW OF THE VALUE CHAIN 1 AND 2

SAWDUST AND BARK

- Added value to forest industry by-products today used for combustion
- Potential upgrading to bioplastics, biochemicals or biofuels

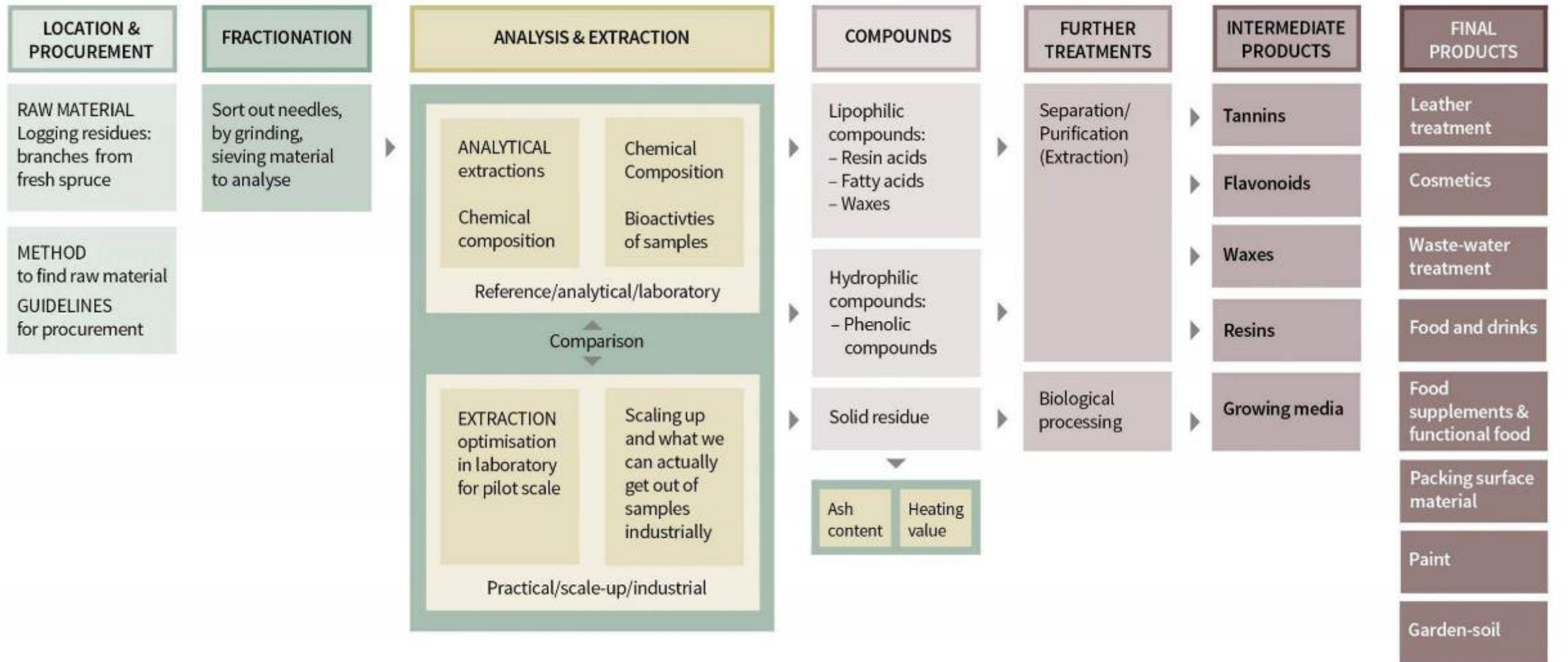




POTENTIAL UPGRADING
TO BIOPLASTICS,
BIOCHEMICALS
OR BIOFUELS

Logging residues





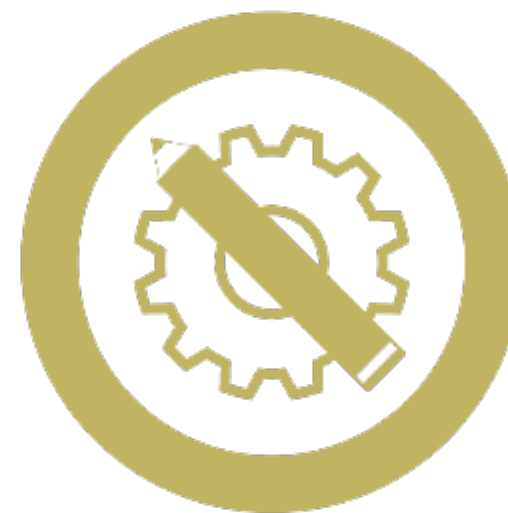
AVAILABLE SKILLS AND CAPABILITIES IN THE REGION

- Long tradition of forest management and forest industry activities
- Entrepreneurship
- R & D
- Bio Clusters
- Innovation hubs
- Public awareness



OPPORTUNITIES & LINKS WITH PREVIOUS IMPLEMENTATIONS, STRATEGIES OR ROADMAPS

- Fossil free Sweden - Strong political commitment and roadmaps
- National and regional forest programs
- Regional development strategies
- Smart specialization strategies
- Other strategies



FORESEEABLE BARRIERS FOR DEPLOYMENT

The proposed EU legislation will make Sweden in general, and northern Sweden in particular, contribute less to climate mitigation!

- LULUCF – land use land use change
- RED – renewable energy directive
- Deforestation regulation
- Nature restoration
- The Forest strategy

