

Luken strategia tähtää kokonaiskestävään metsäbiotalouteen

Johanna Buchert, pääjohtaja
Metsäneuvosto, 8.2.2021



**Bio-
diversi-
teetti**

CO₂

€

The European Green Deal - roadmap

EUROPEAN COMMISSION
Brussels, 11.12.2019
COM(2019) 640 final
ANNEX

ANNEX
to the
COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE EUROPEAN COUNCIL, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE AND THE COMMITTEE OF THE REGIONS

The European Green Deal

EN

EN

EU Climate Law

Climate ambition	Indicative Timetable ¹
Proposal on a European 'Climate Law' underpinning the 2050 climate and neutrality objective	March 2020
Comprehensive plan to increase the EU 2030 climate target to at least 50% and towards 55% in a responsible way	2020
Proposals for revision of relevant legislative measures to deliver increased climate ambition, following the review of the Emissions Trading System Directive, Effort Sharing Regulation, Land use, land-use change and Forestry Regulation, Energy Efficiency Directive, the Energy Directive, CO ₂ emissions performance standards for cars	2020
Proposal for a revision of the Energy Taxation Directive	June 2021
Proposal for a carbon border adjustment mechanism for selected goods	2021
Evaluation and revision of the Emissions Trading System Directive	2020
Strategy on offshore wind energy	2020
Industrial strategy for a climate-resilient economy	2020
EU Industrial strategy	March 2020
Circular Economy Action Plan, including a sustainable products initiative and particular focus on resource intense sectors such as textiles, construction, electronics and plastics	March 2020

¹ The Commission will provide further clarity on the timing of relevant actions intended for 2020.

EU Industrial Strategy

Circular Economy Action Plan

LULUCF, REDII

Actions	Indicative Timetable
Initiatives to stimulate lead markets for climate neutral and circular products in energy intensive industrial sectors	From 2020
Proposal to support zero carbon steel-making processes by 2030	2020
Legislation on batteries in support of the Strategic Action Plan on Batteries and the sustainability	October 2020
Initiatives to support smart mobility	From 2020
Deployment of public recharging and alternative fuel infrastructure	2020
Development of regulatory options to boost the production and supply of sustainable alternative fuels for the different transport modes	From 2020
Revised proposal for a Directive on Combined Transport	2021
Review of the Alternative Fuels Infrastructure Directive and the Trans-European Network for Transport Regulation	2021
EXPLANATION OF THE ANNEX with reference to the sub-titles	2020-2021
Farms to Forest	Spring 2020
Measures, including the use of fertilizers and antibiotics	2021
Preserving and promoting biodiversity	2020
EU Biodiversity Strategy by 2030	March 2020
Measures to address the main drivers of biodiversity loss	From 2021
New EU Forest Strategy	2020
Measures to support deforestation-free value chains	From 2020

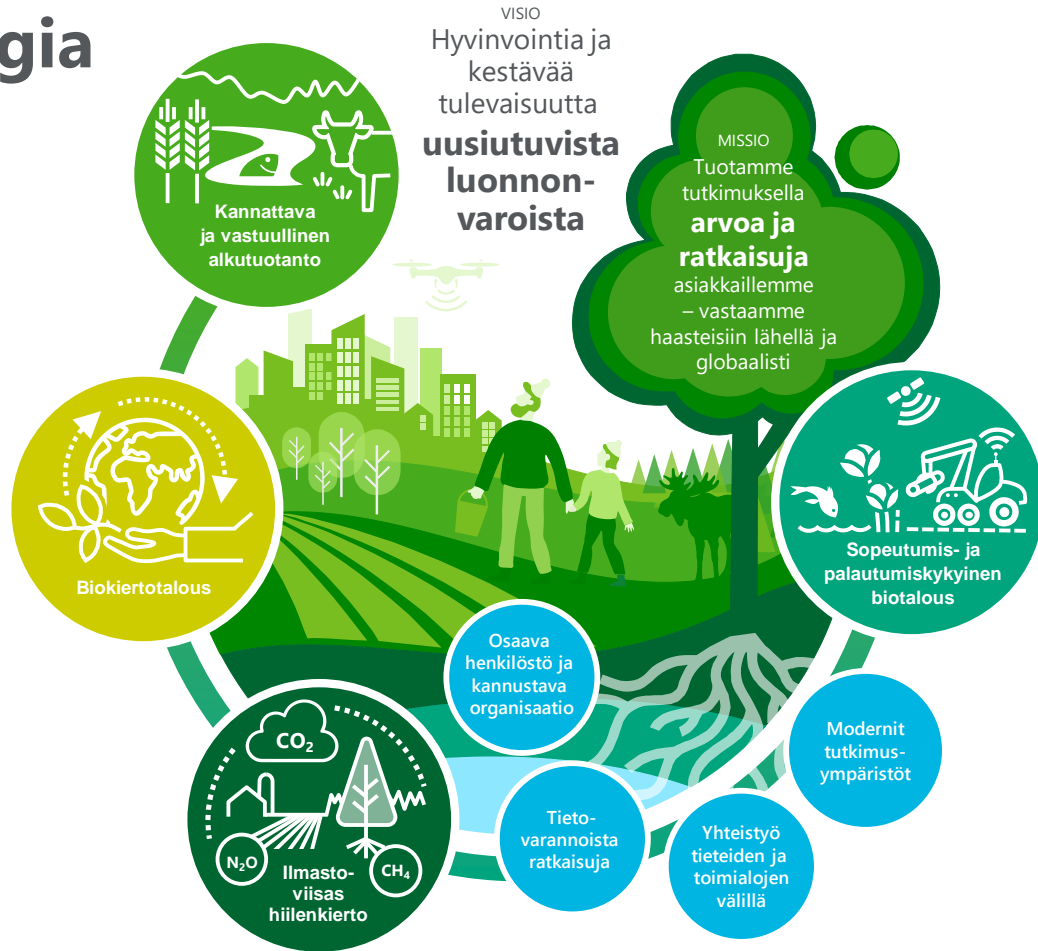
EU Biodiversity Strategy

EU Forest Strategy

Renewed sustainable finance strategy

Zero pollution action plan for water, air and soil	2021
Revision of measures to address pollution installations	2021
Mainstreaming sustainability in all EU policies	2020
Proposal for a Just Transition Mechanism, including the Just Transition Fund, and a Sustainable Energy Investment Plan	January 2020
Renewed sustainable finance strategy	Autumn 2020
Revision of the Non-Financial Reporting Directive	2020
Initiatives to screen and benchmark green budgeting practices of the Member States and of the EU	From 2020
Revision of the relevant State aid guidelines, including the environment and energy State aid guidelines	2021
Align all new Commission initiatives in line with the objectives of the Green Deal and promote innovation	From 2020
Establishes to identify and remedy incoherent legislation that reduces the effectiveness in delivering the European Green Deal	From 2020
Integration of the Sustainable Development Goals in the European Semester	From 2020
The EU as a global leader	
EU to continue to lead the international climate and biodiversity negotiations, further strengthening the international policy framework	From 2019
Strengthen the EU's Green Deal Diplomacy in cooperation with Member States	From 2020
Bilateral efforts to induce partners to act and to ensure comparability of action and policies	From 2020
Green Agenda for the Western Balkans	From 2020
Working together – a European Climate Pact	
Launch of the European Climate Pact	March 2020
Proposal for an 8 th Environmental Action Programme	2020

Luken strategia 2020-2025



Luken ohjelmat

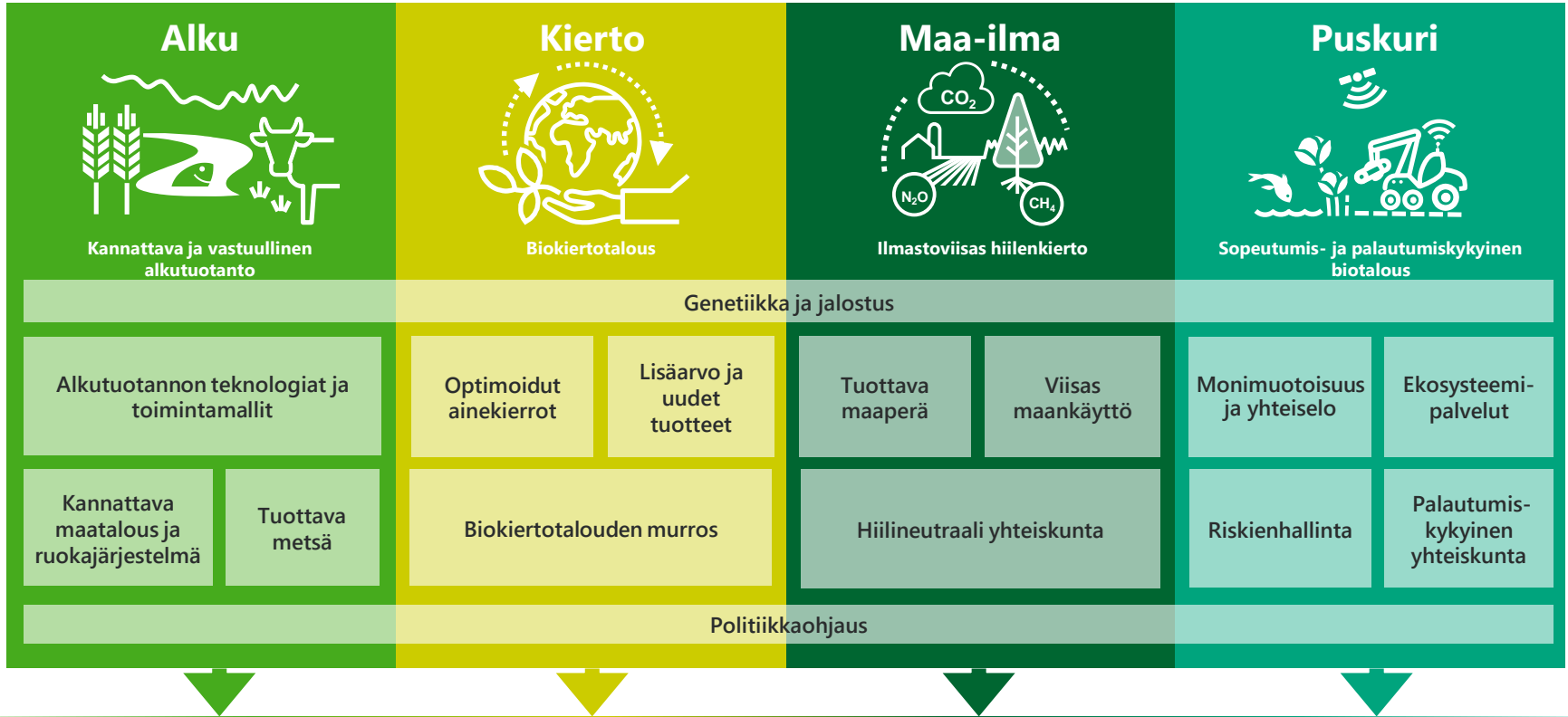
Tutkimusohjelmat

VOAS

Strategisia tavoitteita tukeva ohjelmarakenne

OHJELMAT JA STRATEGISET TAVOITTEET

FOKUSALUEET

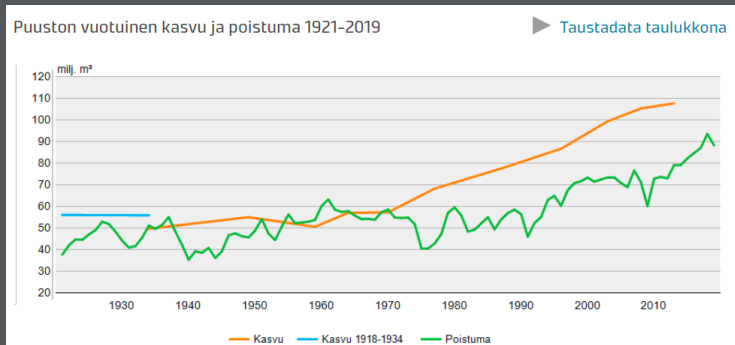
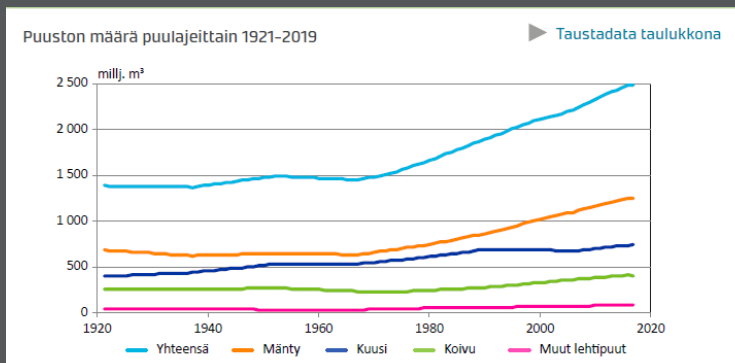


TUTKIMUKSESTA RATKAISUJA

Viranomais- tehtävät



Valtakunnan metsien inventointi vuodesta 1921



VMI100

Metsätietoa päätöksenteon pohjaksi

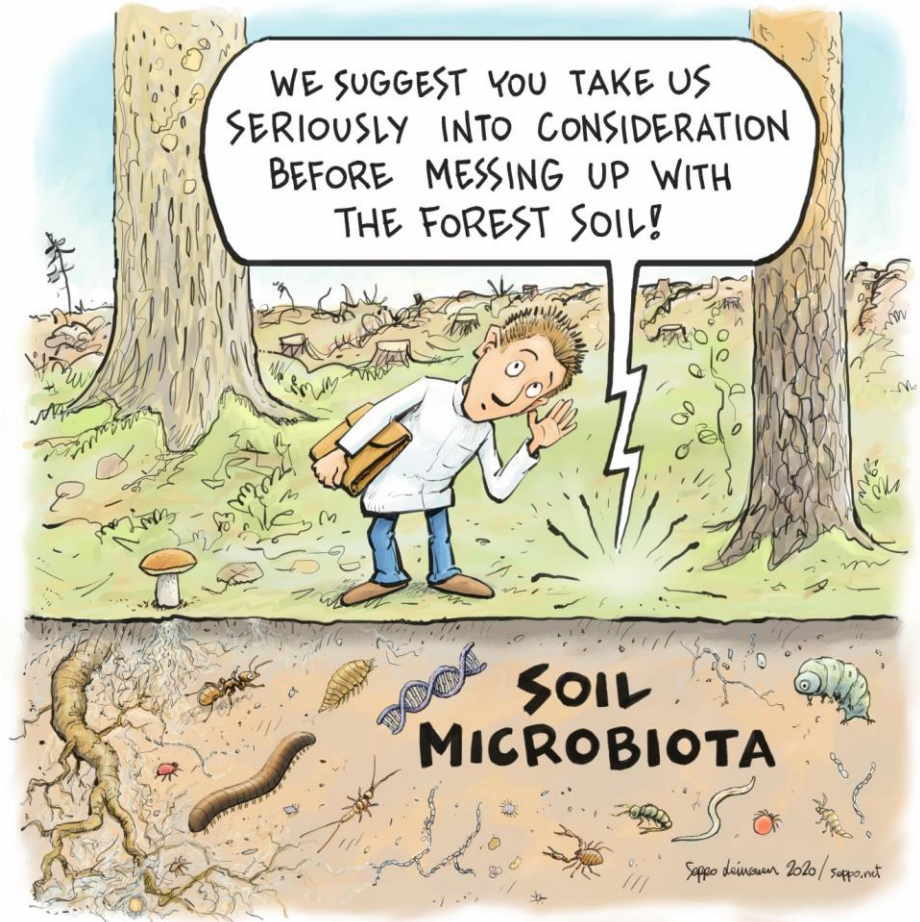


Uusien menetelmien avulla metsänjalostus nopeutuu ja tehostuu



Maaperän prosessit vaikuttavat hiilensidontaan ja vapautumiseen

- MaaTI (kattavaa maaperätietoa),
- Kohti hiilineutraalia Suomea
- **CANEMURE**
- **HoliSoils** EU-hanke
- **EJPSoil**
- **SOMPA**

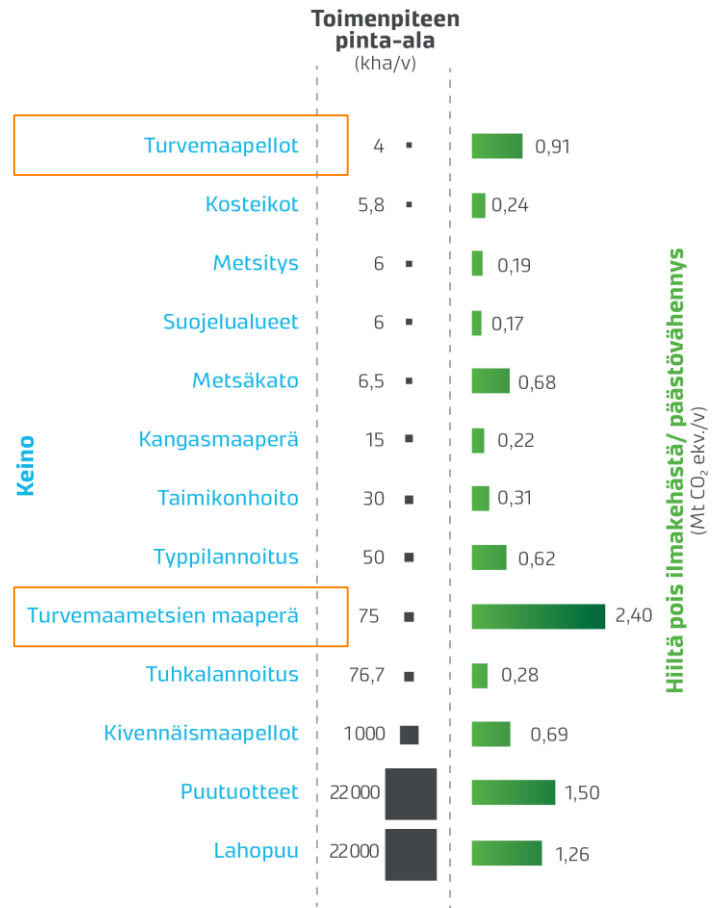




Luonnonvara- ja biotalouden tutkimus 7/2021

Maankäyttösektorin ilmastotoimenpiteet

Arvio päästövähennysmahdollisuuksista

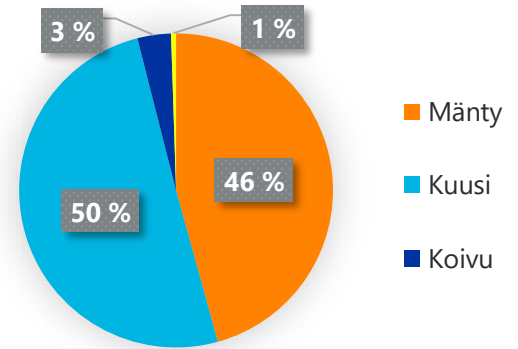


Puulajivalikoiman monipuolistaminen

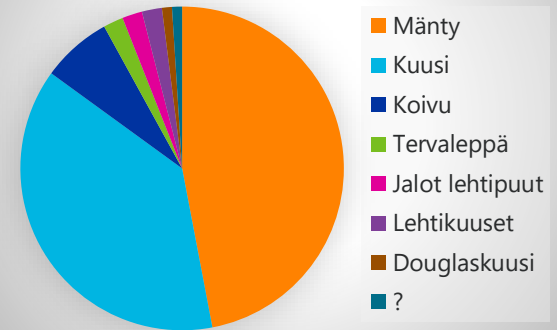
- Kuusen ennakoidaan menestyvän pääpuulajeista heikoiten ilmaston muuttuessa.
- Monimuotoisuuden ja riskienhallinnan näkökulmasta puulajivalikoimaa on tarve monipuolistaa.



Metsänviljely puulajeittain 2000-luvulla koko Suomessa



Tulevaisuudessa?



Kokonaiskestävä metsäbiotalous



Kiitos!