FINAL EUROPEAN CONFERENCE
Towards Forest Management in line with the Protection and Conservation of Biodiversity
16-18 February 2022

LIFE Forest Fit for Future

Author
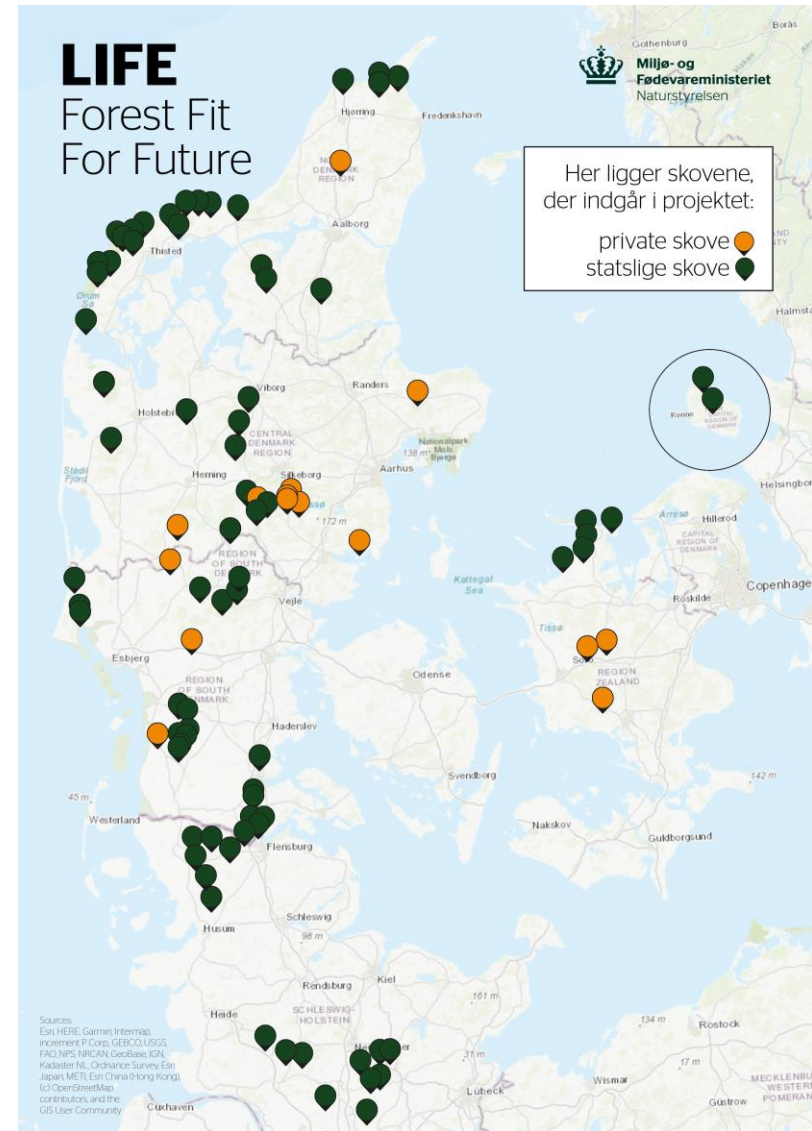Peter Hahn, Project manager,
Danish Nature Agency

LIFE ForFit

Works across 220 locations in 85 different forests covering in all 4,850 ha.

A strong partnership of 17 partners from SHLF, Danish Nature Agency as well as the private forest sector

LIFE
Forest Fit
For Future

Miljø- og
Fødevareministeriet
Naturstyrelsen

Her ligger skovene,
der indgår i projektet:
● private skove
● statslige skove

LIFE ForFit will

- Develop, introduce, demonstrate and promote the conversion of traditional even-aged monocultures of conifer stands into Close-To-Nature managed forests

- Provide recommendations on CNF as a method to improve economic and environmental sustainability of conifer forests

- Build capacity, share best practices and raise awareness

- Establish the baseline and the framework for future monitoring of growth, yield, health biodiversity and carbon storage in CNF managed conifer forests

Main focuses

- Practical conversion and quality improvement of traditional even-aged monocultures of conifer stands

Rejuvenation of conifer stands

Soil preparation

Quality improvement

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# Close to nature concept for forest planning

Collection of economic key figures

Aktivitet	Skov (Projektområde)	Afd/Litra (Behandlingsenhed)	Areal i alt, ha (Behandlingsenhed)	Aktivitetsmodel	Enhedstype	Sum af enheder (indenfor aktivitetsareal)	Udgift i alt - Kr. excl. Moms	
Partner:								
Indrapporteringstermin								
Knusning	St. Hjøllund Plt.	71a	2,3	B1-4	Antal ha. Knust - ha	0,18	1.000,00	
Hulboring	St. Hjøllund Plt.	71a	2,3	B1-4	Antal huller boret - Stk	435		
Planter	St. Hjøllund Plt.	71a	2,3	B1-4	Antal planter indkøb - stk	435		
Plantning	St. Hjøllund Plt.	71a	2,3	B1-4	Antal planter plantet - stk	435		

Test of remote sensing
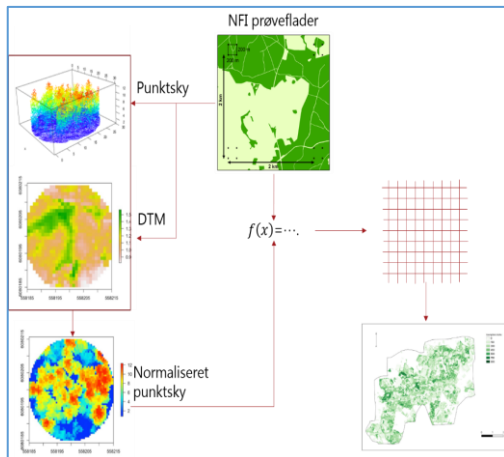
Measure effects on biodiversity and carbon store
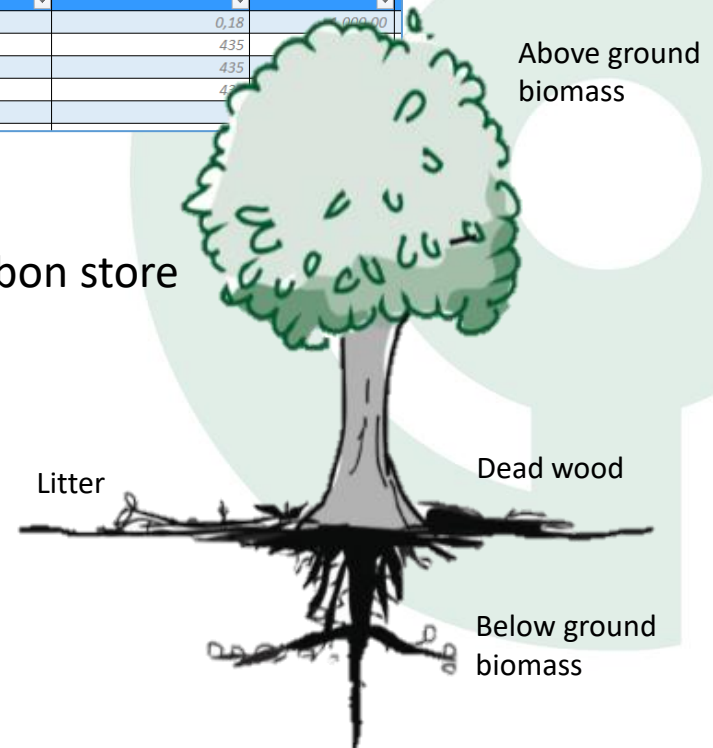
Above ground biomass

Litter

Dead wood

Below ground biomass

Integrating sampling : silvicultural, economic, biodiversity and carbon

Protocols supplementing for the different targets, with observations being utilised for several calculations and indicators

A1. Baseline study. Best practice

C1. Monitoring silvicultural and socio-economic results

C2. Monitoring biodiversity and carbon stock

B1. Conversion to CNF - conversion models applied in practice (approx. 75 different forests)

B2. Development of management tools – growth, economics and planning – based on indicators (3 forests)

B3. Improving quality of young stands - thinning and quality (25 forests), control of invasive species (4 forests)

B4. Ungulate management – damage control/assessment and hunting/wildlife management (approx. 10 forests)

B5. CNF afforestation – protocol and implementation on 3 private forest areas

B6. Long-term demonstration plots – 30 stands selected from B1 plus a number of reference plots

Dissemination and education

Education of professionals

Marteloscopes
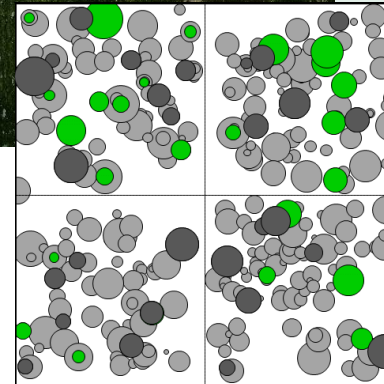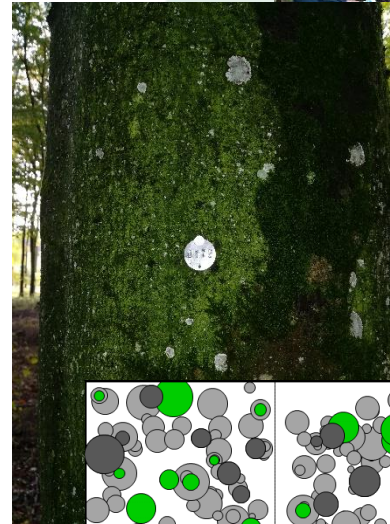
Collection of best practice and recommendations

Preliminary manual with silvicultural recommendations on conversion of conifer plantations to close-to-nature forestry

Department of Geosciences and Natural resource Management, University of Copenhagen

Thank you!

Questions?

www.lifeforfit.dk

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