

## Report for annual networks

Submit the report to [sns@slu.se](mailto:sns@slu.se) by 24:00 CET, 1<sup>st</sup> of March the year after the activities.  
The report should not exceed 2000 words.

Please adjust the size of the boxes to the length of your answer.

1. Title of the network:	Northern European Network for Wood Science and Engineering
2. Network number:	N2019-03
3. Main applicant:	Norwegian institute of bioeconomy research Erik Larnoy
Email:	lae@nibio.no
Address:	PB 115, 1431 Ås, Norway

### Activities

4. Place of the activity:	Northern Europe
Duration of the activity (start date, end date):	2005- still going strong

### 5. Provide a short network summary, including:

#### a) The purpose of the project/main problems/background

The purpose of the network is to contribute to the optimization of the resources spent individually and by society on research projects within Wood Science and Engineering in the EFI NORD area. The goal is to coordinate Northern European research in this field by maintaining a network between senior researchers, PhD students and industrial representatives.

The network targets wood and wood based products and their production and use in constructions.

For 2019 the network is pointing its focus towards "Moisture and durability related aspects of wood-based materials".

#### b) A description of the main activities of the network

We have organized a two-day Wood Science and Engineering Network Workshop to exchange information on current research activities and jointly formulate essential long-term research goals within the Northern European region. Major theme of the workshop was "Moisture and durability related aspects of wood-based materials". This is a highly important question, as replacing materials with a high climate impact with wood-based materials requires that the durability of wood based materials is enhanced.

This workshop and conference took place in Lund, Sweden in October in 2019, and will be organized by Building Materials, Lund University. The conference will include both oral presentations and a poster session and proceedings with extended abstracts from the workshop will be published.

We have also organized a Course for PhD-students and early-stage researchers on the 8th October in conjunction with WSE2019 - Measuring moisture related properties of wood -

### Outcome

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### 6. Published outputs achieved as a consequence of the network (peer-reviewed articles, other publications)

#### Special issue in Forests

We will make a special issue with contributions from WSE2019 in the journal Forests (<https://www.mdpi.com/journal/forests>). It is an open access journal which means that the paper will be freely available after publication.

We have also a book of extended abstract and a few video abstracts.

### 7. Other practical outputs of the project (workshops, conferences, scientific meetings, policy recommendations, conferences, large-scale project applications, databases or websites etc.)

We have organized a two-day Wood Science and Engineering Network Workshop to exchange information on current research activities and jointly formulate essential long-term research goals within the Northern European region. This was done in Lund, Sweden.

### 8. How and within which areas was the network beneficial for the Nordic region?

This network has made it possible for several researchers within Northern Europe to come together and discuss and develop future application of wood technology.

\* Nordic is defined here as Denmark, Finland, Iceland, Norway, Sweden and the autonomous areas of the Faroe Islands, Greenland and Åland Islands.

### 9. Provide a popular science piece for dissemination in SNS' various channels (maximum 700 words) with emphasis on application of results and benefits for the Nordic society.

Provide pictures (size at least 500x500 pixels and resolution at least 72 pixels) as separate files (.jpg). Include caption to each picture, including the name of photographer.

The Northern European Network for Wood Science and Engineering, is a very well working network for Wood Science and Engineering researchers in Northern Europe. The network offers a common base for researcher, both young and established, to interact and exchange ideas for a strong wooden research community. The annual conference attract both young researchers and senior scientists, to meet and discuss future possibilities within the wood technology sector.

## Participation and inclusion in the network activities

### 10. Participants

Country	PhD students & Post-docs	Senior researchers	Stakeholders	Communication officers	Gender			Total
					Women	Men	Other	
Denmark	2	5	1	0	5	3	0	8
Finland	2	5	0	0	4	3	0	7
Iceland	0	0	0	0	0	0	0	0
Norway	1	6	0	0	2	5	0	7
Sweden	9	18	4	0	14	17	0	31
Poland	4	0	0	0	2	2	0	4
Germany	9	9	0	0	5	13	0	18
Lithuania	3	3	0	0	3	3	0	6

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Latvia	1	1	0	0	0	2	0	2
UK	0	3	1	0	1	3	0	4
Austria	1	0	0	0	1	0	0	1
Switzerland	1	1	0	0	0	2	0	2
Estonia	1	3	1	0	0	5	0	5
Czech republic	1	0	0	0	1	0	0	1
Total	35	54	7	0	38	58	0	96

## Economic report

### 11. Received grant from SNS (SEK):

200.000

12. Costs	SNS funding	Co-financing	Total
Travel and accommodation	14000	256000	270000
Meeting costs	256 839	30000	286839
Communication			
Other costs (specify)		810000	810000
Total SUM (SEK)	270839	1096000	1366839
Working hours senior researchers (60 researchers * 15 hours * 900 SEK/hour)= 810000			

### 13. Allocation of SNS funding

Country	Partner organization	% of total
Denmark		
Finland		
Sweden	Lund University	100
Norway		
Iceland		
...		
...		
...		
Total SUM		

### 14. Economic result (deficit or surplus)

-70839 SEK



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Optional: Comments to the economic reporting


Vi har hatt midler til overs fra tidligere år som har dekket årets underskudd.

I hereby declare that the above statements are true to the best of my knowledge

Signature of the main applicant

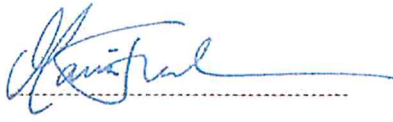
	NIBIO	9/3-2020
Signature	Institution	Date
Erik Lurway		
Printed name		

Signature of the department head at the department of the main applicant

	NIBIO	9/3-2020
Signature	Institution	Date
BJØRN HÅVARD EUSEN		
Printed name		

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Second applicant's signature, place and date

 Lund University 2020-03-06

Signature

Institution

Date

MARIA FREDRIKSSON

Printed name

Third applicant's signature, place and date

 University of Copenhagen 06-03-2020

Signature

Institution

Date

Emil Engelund Thybring

Printed name

