

NOVA University Network
Annual Report and Accounts 2018



Table of Contents

Executive Summary.....	3
1. Activities 2018.....	4
2.1. PhD and Master’s Level Education	4
Open Call.....	4
PhD courses 2018.....	5
Master’s Courses 2018.....	10
2.2. Other Projects	10
2.3. Mobility	10
2.4. NOVA BOVA Nordplus Network activities	12
3. NOVA Board and Strategy Seminar.....	12
4. NOVA Student Board	12
5. Cooperation Partners.....	12
6. Future Challenges	13
7. Financial Accounts 2018	15
Appendix	16

Abbreviations of NOVA member institutions

AU-ST	University of Aarhus, Science and Technology
HU-AF	University of Helsinki, Faculty of Agriculture and Forestry
HU-V	University of Helsinki, Faculty of Veterinary Medicine
LBHI	Agricultural University of Iceland
LIFE	<i>University of Copenhagen, Faculty of Life Sciences (ceased to exist as per 31 December 2012)</i>
KU-HEALTH	<i>University of Copenhagen, Faculty of Health and Medical Sciences (ceased to be a NOVA member from 1 Jan. 2016)</i>
KU-SCIENCE	<i>University of Copenhagen, Faculty of Science (ceased to be a NOVA member from 1 Jan. 2017)</i>
NMBU	Norwegian University of Life Sciences
NVH	<i>Norwegian School of Veterinary Sciences (merged with UMB on 1 January 2014 and formed NMBU)</i>
SLU	Swedish University of Agricultural Sciences
UEF-F	University of Eastern Finland, School of Forest Sciences
UMB	<i>Norwegian University of Life Sciences (merged with NVH on 1 January 2014 and formed NMBU)</i>

Abbreviations of BOVA member institutions

EMU	Estonian University of Life Sciences
ASU	Aleksandras Stulginskis University (Lithuania)
LLU	Latvia University of Life Sciences and Technologies (former Latvia University of Agriculture)
LSMU-VA	Lithuanian University of Health Sciences – Veterinary Academy

Approved on 25 Mar. 2019

Text where nothing else stated: Ingrid Aksnes Hjetland

Executive Summary

In 2018, the number of courses organised in the NOVA University Network fell to 13 PhD courses and two master's courses. The number of NOVA students and the total number of students on the courses also decreased. However, only one PhD and one master's course were cancelled. The Network is close to reaching the ambitions set by the NOVA Board with respect to number of PhD courses, and the number of PhD courses held in 2018 is the same as the average number of courses held per year in the previous strategic period.

Besides continued focus on simplifying and streamlining the work, the Network's main task in 2018 was the implementation of a new NOVA Strategy for 2018-2021 and new regulations valid from 2018. This included a two-year pilot for a new and simpler funding model for NOVA courses starting in 2018. In 2019, it will be important to continue marketing the changes and the new funding model to teachers.

After a rise in Nordplus student mobility in the academic year 2016/2017, it fell in 2017/2018 to the same level as in the previous years. The number of NOVA students on Erasmus+ exchange within the NOVA BOVA Nordplus Network is stagnating.

The Secretariat has continued developing the NOVA website and the Network continued more systematic announcing of courses, also on Facebook.

Efforts made since 2016 to try to increase the collaboration with BOVA seem to have had an effect. For instance, the percentage of BOVA students on NOVA PhD courses has increased, but stayed at the same level in 2018 as in 2017. One NOVA PhD course was held in the Baltics in 2018.

The equity is reduced, as wished by the NOVA Board. In the future, it will be important to assure that NOVA has the financial conditions to meet the ambitions in the new Strategy. In 2015, the Board appointed a task force on external funding. It has proved challenging to find new funding partners of NOVA's activities. No new agreements on external funding were made in 2018.

1. Activities 2018

NOVA facilitated 13 PhD courses and two master's courses in 2018. The Network implemented a new NOVA Strategy for the period 2018-2021 and new regulations valid from 1 Jan. 2018. Otherwise, the Network concentrated on actions to increase the number of PhD courses and continued simplifying and streamlining the work. NMBU continued its period as Chair and Secretariat of NOVA.

2.1. PhD and Master's Level Education

Goals:

Courses for PhD students: NOVA UN concentrates on PhD education by facilitating specialised, international and interdisciplinary courses/activities of high quality. Competence-enhancing courses for PhD students and other scientists are also supported. NOVA UN will increase the number of these courses, as well as the number of NOVA students attending the courses compared to the previous strategy period.

Master's education and other projects: NOVA UN supports master's level education and other projects in specific areas where Nordic cooperation can add particular value.¹

Open Call

There was one open call for PhD applications and master's courses exceeding EUR 5 000 in 2018 with two application rounds, compared to three rounds normally. The Board approved 12 of 12 PhD course applications, as well as two for combined PhD and master's courses, two for master's courses and one application for a course series on PhD level. As of 9 Mar. 2019, the total amount reserved for the approved PhD courses to be held in 2019 is approximately €260,000.

The two-year pilot for a simpler funding model for NOVA course applications submitted between 2018 and 2019 was implemented in 2018. This led to major changes in the requirements and application in 2018.

Evaluation

After an increase in the number of applications for PhD courses since 2013, the number of applications decreased from 20 in 2016 to 11 in 2017. However, the number of applications increased in 2018. One new application for a course series was submitted in 2018. However, there were four previously approved course series from earlier Open Calls with courses scheduled for 2019. The increase in number of applications in 2018 may be due to the pilot on a new simplified funding system, to other institutions having filled the gap after KU-SCIENCE, or to increased attention to NOVA funding at the institutions. The pilot on a new funding system will be evaluated in the end of 2019.

¹ NOVA Strategy 2018-2021

It is positive that there are as many course series for the predictability for students and teachers: five on PhD level and one on master's level. However, the course in the master's course series was cancelled in 2018. In 2018, the Board approved new regulations for course series valid from 2019. The intention was to meet challenges connected to teachers changing jobs, changes in course descriptions and changes in the financial situation at the member institutions.

PhD courses 2018

In 2018, NOVA offered 13 PhD courses. As of 9 Mar. 2019, 12 of 13 PhD courses had reported to NOVA. The statistics in the Annual Report 2018 include the reported courses held in 2018 and two PhD courses held in 2017 that were not included in the Annual Report 2017.² Please see table 6 for detailed information on the courses offered in 2018. Of the 258 students attending the 14 courses included in this Annual Report, 173 (67%) were NOVA PhD or qualified master's students, 15 (6%) were BOVA students and 70 (27%) other students. One course was cancelled due to lack of students (less than 10 qualified and registered NOVA and BOVA students).

Evaluation

As one PhD course was cancelled, NOVA did not meet the goal of offering more PhD courses than in the previous strategic period (2014-2017). However, despite the reduction in the number of PhD courses, the number of courses was the same as the average in the previous strategic period (13 courses a year).

In line with NOVA's Strategy, the Network used the majority of the activity budget on PhD courses. For the courses reimbursed in 2018 (including some courses run in 2017 and some of the courses run in 2018), NOVA used 80% of the total amount spent on activities on PhD courses, i.e. €162,000 of €204,000.

The number of NOVA students attending PhD courses decreased in 2018, cf. table 1 below. The reduction in number of NOVA courses can partly explain this. However, the fact that KU-SCIENCE students are not registered as NOVA students from 2018 has probably also had a negative impact on this figure. Experience shows that it is challenging to attract NOVA students when there are teachers from only a few NOVA institutions involved in a course. Anchoring of NOVA at the member institutions and active marketing of the courses by all involved parties are therefore still important actions to assure that approved courses are held and to increase the number of NOVA students on the courses.

The student evaluations on the courses show that in general students are very satisfied with NOVA courses. The evaluations are available on the NOVA website.

The average percentage of students from each member institution (tables 4 and 5) is partially reflecting the number of students at the respective institutions, the number of courses hosted by each institution and the course topics. The percentages from 2018 are not completely comparable with the percentages from previous years, as KU-HEALTH and KU-SCIENCE have left the Network. However, the share of SLU

² The PhD courses "Wood Biology and Biotechnology" (SLU) and "Novel Optimization Methods for Economic Modelling" (HU-AF), as well as the master's course "Sustainable Insect Management and Disease Control Based on RNAi Technology" (HU-AF), are included in the Annual Report 2018 due to late reporting for one of the courses and reporting deadline after the finalisation of the Annual Report 2017 for the other two courses. The PhD course run in 2018 "Forest tree and stand growth and dynamics: Multiple effects and problems when analyzing data" (HU-AF) will be included in the statistics for the Annual Report 2019 due to late reporting.

students attending PhD courses rose considerably in 2018 (from 23% to 36%) while the share of courses hosted by SLU increased 7% to 50% (i.e. from one to seven courses). HU-AF's part of students also rose (from 14% in 2017 to 20% in 2018). The number of courses organised by this institution was stable in the period, but the percentage of the total number of courses decreased (two courses of 16 in 2017 and of 14 in 2018). HU-V experienced a slight reduction in the percentage of students on the courses. For the other institutions, the share of students stayed approximately at the same level as in 2017. This shows that awareness of NOVA at the member institutions among students and supervisors, as well as active marketing of the courses are very important.

Table 1: Number of PhD Courses and PhD Students 2003-2018

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Number of PhD courses	17	13	16	14	14	17	19	19	21	16	11	8	12	14	16	14
Number of NOVA PhD students on the courses	270	186	162	200	197	264	301	331	317	265	193	145	150	206	202	173

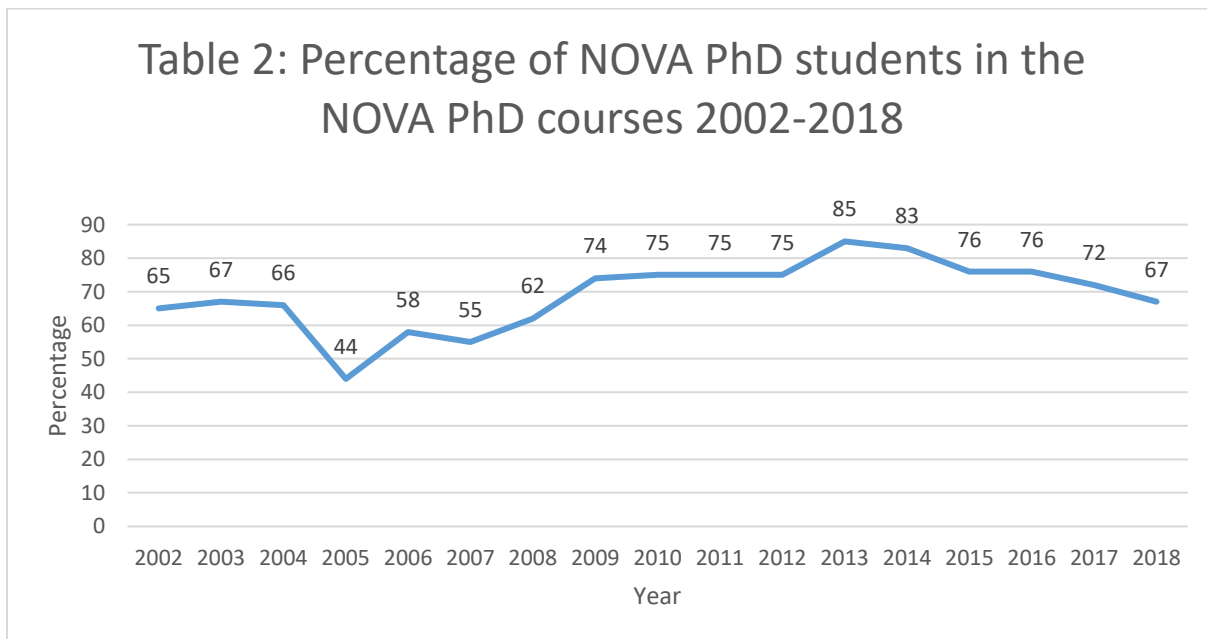


Table 3: Student attendance by member institution for all NOVA PhD courses 2018

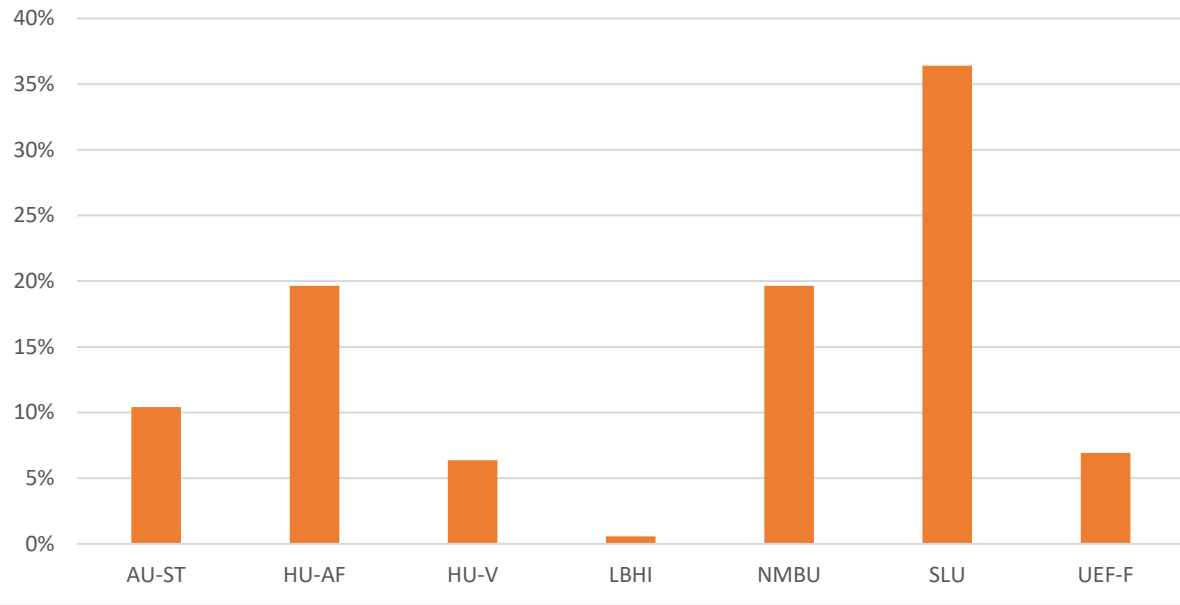


Table 4: Percentage of students by member institution, all NOVA PhD courses 2018

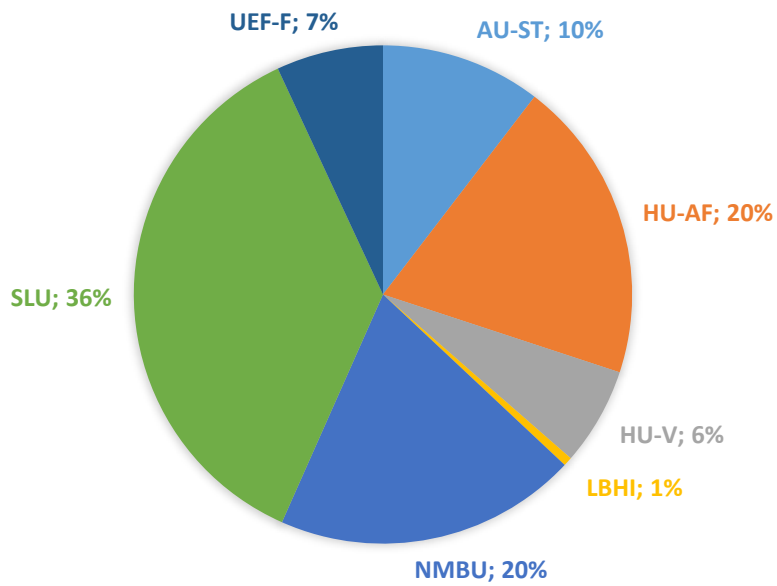
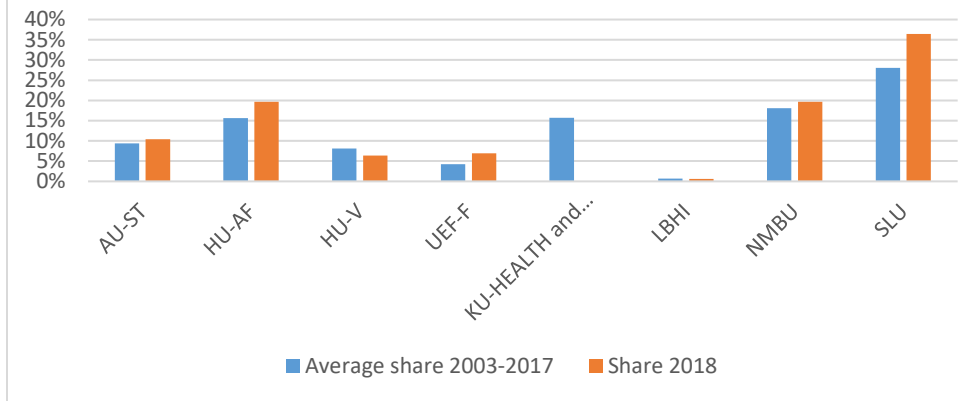


Table 5: Share of students (PhD) by member, years 2003-2017 and 2018



*LIFE ceased to exist on 31 December 2012 and was replaced by KU-HEALTH and KU-SCIENCE. Numbers from 2003-2012 are for LIFE. Numbers between 2013 and 2016 are for KU-HEALTH and KU-SCIENCE. Numbers from 2017 are for KU-SCIENCE. Numbers from 2018 do not include KU-SCIENCE.

**NVH and UMB merged to NMBU on 1 January 2014. Numbers from 2003-2013 are for NVH and UMB. Numbers from 2014 are for NMBU.

Table 6: NOVA Courses and Projects 2018

Course name	University /Faculty	Maximum grant	Incentive grant	Maximum total payment from NOVA	Grant paid (incl. incentive grant if applied)	Total number of ECTS produced by NOVA students	Total number of ECTS produced by BOVA students	Total number of ECTS produced non-BOVA or NOVA students	Total number of ECTS produced	Number of NOVA students	Number of BOVA students	Number of other students	Total number of students	Price per NOVA student	Price per 1 ECTS (all students)	NOVA student ECTS price	Percentage of maximum grant used (not including incentive grant)	Percentage of maximum grant plus incentive grant if used	
PhD courses																			
Novel Optimization Methods for Economic Modelling	HU-AF	8722	2500	11222	6596,68	5	30	5	0	35	19	1	6	26	347,1937	188,4766	219,8893	47 %	59 %
Wood biology and biotechnology	SLU	17200	2500	19700	11530	3	21	3	15	39	13	1	5	19	886,9231	295,641	549,0476	53 %	59 %
Pollinators within IPM strategies for agriculture	HU-AF	10856		10856	6959,74	3	27	3	0	30	9	1	0	10	773,3044	231,9913	257,7681	64 %	64 %
Environmental Collaboration and Conflict Resolution: The Crossroads of Forestry, Ecosystem Services and Wildlife	UEF-F	21311	2500	23811	18930,7	5	30	0	110	140	6	0	22	28	3155,117	135,2193	631,0233	77 %	80 %
Biotrophy in plant pathogens – from recognition to ecology	AU-ST	17122	2500	19622	16081,22	4	56	12	24	92	14	3	6	23	1148,659	174,7959	287,1646	79 %	82 %
Arctic entomology under climate change	LBHI	18667	2500	21167	15595,37	3	33	0	3	36	11	0	1	12	1417,761	433,2047	472,587	70 %	74 %
Future plant protection	SLU	6849	2500	9349	8529	6	72	6	6	84	12	1	1	14	710,75	101,5357	118,4583	88 %	91 %
Integrated analysis of omics data	SLU	15767	2500	18267	15069	5	70	0	30	100	14	0	7	21	1076,357	150,69	215,2714	80 %	82 %
Linear Models in Animal Breeding	SLU	10278	2500	12778	8460	3	39	0	36	75	13	0	12	25	650,7692	112,8	216,9231	58 %	66 %
Quantitative genetics applied in animal breeding	HU-AF	11139	2500	13639	7951	3	24	0	9	33	8	0	3	11	993,875	240,9394	331,2917	49 %	58 %
Molecular methods for detection of food- and waterborne pathogens	HU-V	15244	2500	17744	12068	3	33	3	9	45	12	1	3	16	1005,667	268,1778	365,697	63 %	68 %
Process to access - Optimizing nutrient availability in ingredients (CANCELLED)	NMBU	19906	2500	22406	0 N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Questionnaire design and management	SLU	16511	2500	19011	15908	3	57	18	9	84	19	6	3	28	837,2632	189,381	279,0877	81 %	84 %
Advanced production economics	SLU	12083	2500	14583	9572	3	18	0	3	21	7	0	1	8	1367,429	455,8095	531,7778	59 %	66 %
Introduction to Survey Sampling	SLU	11000		11000	11000	3	45	3	0	48	16	1	0	17	687,5	229,1667	244,4444	100 %	100 %
Total		212655	32500	245155	164250,7	555	53	254	862	173	15	70	258	949,426	190,546	295,947	62 %	67 %	
Master's courses																			
Sustainable insect management and disease control based on RNAi technology	HU-AF	6522		6522	4334,21	3	30	9	0	39	10	3	0	13	433,421	111,1336	144,4737	66 %	66 %
RNAi modification of arthropod-plant interactions (CANCELLED)	SLU	6333		6333	0 N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Nordic Zoo, Wildlife and Conservation Medicine - A One Health Approach	NMBU	15000		15000	15000	6	72	12	60	144	12	2	10	24	1250	104,1667	208,3333	100 %	100 %
Dog breeding and genetics	NMBU	12011		12011	9602	5	55	5	20	80	11	1	4	16	872,9091	120,025	174,5818	80 %	80 %
Total		39866		39866	28936,21	157	26	80	263	33	6	14	53	876,855	110,024	184,307	73 %	73 %	
NOVA other projects																			
Total NOVA other projects		0	N.A.	0	0												N.A.	N.A.	
Total all NOVA courses and other projects 2018		252521	32500	285021	193186,9	0	712	79	334	1125	206	21	84	311			64 %	68 %	

Master's Courses 2018

NOVA facilitated two master's courses in 2018. One course was cancelled due to lack of students. All courses were reported to NOVA by the editing of this Annual Report. One master's course run in 2017 is included in this Annual Report. 62% of the students attending the three reported NOVA master's courses were NOVA students.

Evaluation

It is positive that, as in 2017, students from at least three NOVA member institutions attended all of the courses. One of the reasons can be that there were teachers from several NOVA institutions in the course and that networks that have been cooperating for a long time gave some of the courses. Promotion of the courses at all NOVA institutions will still be important to attract students from several NOVA institutions on the master's courses. As it is more difficult for master's students to attend an intensive course abroad than for PhD students, it is especially important to promote these courses well in advance of course start, to have good admission processes, and to organise courses at times when it is possible for master's students to attend intensive courses.

2.2. Other Projects

NOVA did not support any other projects in 2018. Projects that can be supported in this category is for instance course planning and support for application writing to other funding bodies.

Evaluation

Despite an increase in the promotion of this funding possibility from 2016, no application for this funding scheme was submitted in 2018. Due to the lack of applications, it can be questioned if this funding scheme is a good incentive.

2.3. Mobility

Undergraduate students going on exchange to NOVA and BOVA institutions can be eligible for a mobility scholarship from the NOVA BOVA Nordplus Network or from Erasmus +. Most of the member universities have established Erasmus + agreements for long-term exchange and more of the funds from Nordplus can be used on express mobility for the intensive courses.

In the academic year 2017/2018, 50 NOVA master's students and three NOVA teachers received Nordplus mobility funding, see table 7³. The funding comes from Nordplus centrally. However, NOVA covers some of the mobility with the NOVA guarantee. It is reported that 26 NOVA students went on Erasmus+ exchange to the partner universities in the NOVA BOVA Nordplus Network in 2017/2018, please see table 8⁴.

³ Including students from KU-HEALTH (nine students) and KU-SCIENCE (seven students).

⁴ Including students from KU-SCIENCE (six students). These numbers do not include students from KU-HEALTH as they had not submitted any figures by the editing of this report.

Table 7: NOVA Master's Students on Mobility 2017/2018

	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	12/13	13/14	14/15	15/16	16/17	17/18
Number of Master's students on standard Nordplus mobility (> 4 weeks)		68	37	52	53	23	32	39	47	35	20	22	18	8	10
Number of Master's students on express Nordplus mobility (< 4 weeks)		17	35	50	73	69	110	66	45	42	60	23	27	58	40
Total number of Master's students on Nordplus mobility	55	85	72	102	126	92	142	105	92	77	80	45	45	66	50

Table 8: Erasmus+ mobility in the NOVA BOVA Nordplus Network 2017/2018

From university/To university	SLU	NMBU	HU-AF	HU-V	KU-HEALTH	KU-SCIENCE	AU-ST	UEF-F	LBHI	EMU	LSMU-VA	ASU	LLU	Total
SLU*		2								1			1	4
NMBU	1		1			3	4							9
HU-AF	3													3
HU-V														0
AU-ST														0
UEF-F														0
LBHI	2													2
KU-HEALTH*		X												?
KU-SCIENCE	6	2												8
EMU**	4					1								5
LSMU-VA***														?
ASU	3												1	4
LLU****										3				3
Total														38
Total NOVA														26
Total BOVA														12

*KU-HEALT is reporting that they have sent students to NMBU, but not how many.

**EMU is in addition reporting having sent the following number of students on clinical rotations of less than three months: SLU: 3; HU-V: 12; LLU:1; total: 16

***LSMU-VA did not submit any numbers by the editing of this report.

****LLU is in addition reporting having sent the following students on traineeships for 2 months to SLU: 1 ; EMU: 1 ; ASU: 3; total: 5

Evaluation

The number of NOVA students on Nordplus mobility decreased considerably from the academic year 2016/2017 to 2017/2018. However, the total number is at the same level as in previous years. From the figures reported by the editing of this report, the Erasmus+ long-term student mobility in the Nordplus Network also fell considerably from 2017 to 2018. However, as some institutions are pointing out, the reported figures do not take into account exchanges of less than three months. For some institutions, that exchange is more important than the exchange of minimum three months, e.g. EMU and LLU. Nevertheless, when considering NOVA students (including KU-SCIENCE), the total reported number of students on Erasmus+ mobility increased from 2017/2018 with 26 reported students compared to 17 in 2016/2017.

The use of Erasmus+ funding for long-term exchange is more profitable for the students since they can normally receive more funding in that programme than from Nordplus. As a result, Nordplus scholarships for express mobility can be increased. From 2018/2019, the Network will cease to award scholarships for full semester studies and concentrate on short-term and express mobility to get more out of the budget. Detailed information on Nordplus mobility in the Network is available in tables seven and eight in the appendix to this report and in the Network's report to Nordplus.

2.4. NOVA BOVA Nordplus Network activities

The NOVA BOVA Nordplus Network met regularly in 2018. All meetings were video meetings. The annual face-to-face meeting was cancelled in 2018, but many of the coordinators participated at the NOVA Strategy Seminar 2018. SLU continued as central coordinator of the Network.

Nordplus granted the network funding to organise the courses below in 2018. NOVA supported the courses with the NOVA guarantee, i.e. mobility grants for NOVA students and teachers:

- Innovation and Entrepreneurship for Rural Development, Estonia, 5-18 Mar. 2018 (distance learning), 19-23 March (meeting in person)
- New Plant Breeding Technologies and Selection Methods, Denmark, 24-29 Jun. 2018
- Landscape Regeneration of Degraded Areas, Latvia, 11-15 Jun. 2018
- Forest Disturbances and Ecosystem Services: Approaches to Data Processing and Modelling, Estonia, 15-19 Oct. 2018

Evaluation

Historically, the NOVA BOVA Nordplus Network has had a good success rate in terms of receiving financing from Nordplus, and the number of courses offered has been satisfactory. However, the number of approved courses and the budgets have decreased during the last couple of years. Detailed information on the Network's activities is available in its report to Nordplus for 2017/2018.

3. NOVA Board and Strategy Seminar

There were three board meetings in 2018: one face-to-face meeting and two video meetings. The NOVA Strategy Seminar 2018 was organised at LSMU-V in Lithuania. There was also a meeting between the NOVA and the BOVA Boards. The theme for the Strategy Seminar was UN's sustainable development goals. Members of the NOVA and BOVA Boards, the NOVA and BOVA Student Boards as well as local NOVA and BOVA coordinators and the central Nordplus coordinator participated at the Seminar.

4. NOVA Student Board

The NOVA Student Board (NSB) had three meetings in 2018, one face-to-face meeting and two video meetings. In addition, the NSB conducted a NOVA student survey in 2018. The two NSB representatives on the NOVA Board have participated at NOVA board meetings.

5. Cooperation Partners

The NOVA BOVA collaboration agreement was renewed in 2018. The actions taken in 2016 and continued since to try to increase the number and percentage of BOVA students on NOVA courses seem to have had some effect. However, there was a slight reduction in the number of BOVA students on NOVA PhD courses in 2018, but the percentage was at the same level as in 2017. The number of BOVA

students on NOVA PhD courses was four (2%) in 2015, 10 (4%) in 2016, 18 (6%) in 2017, and 15 (6%) in 2018. One NOVA PhD course was organised in the Baltics in 2018.

The Nordic Forest Research (SNS) continued providing part funding of forestry related NOVA PhD courses. The agreement between SNS and NOVA was renewed in 2018.

In 2015, a task force on external funding was appointed. It has proved challenging to find new partners to finance NOVA activities. There were no new agreements on external funding in 2018.

6. Future Challenges

It will be important to find a new Chair and host of the NOVA Secretariat for the period 2020-2022, as NMBU will have terminated its two periods by the end of 2019. Moreover, the Network should also assure that it has the financial conditions to meet the ambitions in its new Strategy. Continued attention on simplifying and streamlining the work in the NOVA, including marketing of the two-year pilot from 2018-2019 for a simplified funding model for NOVA courses, will be one of the main tasks in 2019.

Challenges

- Find a new Chair of NOVA and host of the NOVA Secretariat in the period 2020-2022.
- Assure that NOVA's financial conditions are in line with the Network's ambitions.
- Make sure that the respective member institutions, including teachers and students, when relevant, are aware of changes resulting from the Strategy for 2018-2021 and new regulations valid from 2018 and 2019, respectively.
- Keep continued awareness on new funding possibilities approved in the Strategy for 2018-2021: digital courses, interdisciplinary activities, as well as competence enhancer courses for PhD students and other scientists.
- Increase the number of PhD course applications and PhD courses compared to the previous strategic period.
- Increase the number of students on NOVA courses compared to the previous strategic period.
- Increase the student and teacher mobility between NOVA institutions.
- Increase external funding of NOVA courses.

Actions to be taken

- Decide upon
- the NOVA Chair and host of the NOVA Secretariat in the period 2020-2022.
- Assure a good transfer of the secretarial functions to the new Secretariat.
- Decide on thematic priorities in the NOVA Open Call to increase the strategic use of the resources in the NOVA Network and the benefit of the Network to the member institutions and their respective students.
- Improve the marketing of the NOVA Open Call and continue communicating the simplified funding model in the two-year pilot for 2018-2019 and the simplified regulations.
- Evaluate the funding model in the two-year pilot for 2018-2019.
- Improve the anchoring of NOVA courses at the different member institutions to secure that the courses receive enough NOVA students to be held, in particular courses where a few NOVA member institutions have participating teachers.

- Continue the awareness on keeping the number and share of NOVA students on NOVA master's courses at a high level, and increasing the number of NOVA students from other institutions than the home institution.

7. Financial Accounts 2018

Result and balance 2018 (numbers in 1000 EUR)

	31.12.2017	31.12.2017
BALANCE (equity)	242	250
	Accounts 2018	Budget 2018
<u>INCOME</u>		
Total member fees	179	210
External funding SNS	17	10
External funding NKJ	0	0
INCOME total	196	220
<u>COSTS</u>		
<i>Activities</i>		
PhD courses internal funding	145	251
PhD courses external funding	17	0
Other projects	36	77
NOVA-guarantee and N+ support	0	15
NSB	2	6
Strategy seminar	3	8
<i>Activities total</i>	<i>204</i>	<i>357</i>
<i>Secretariat</i>		
Salaries	33	36
Travels	2	3
Other	2	7
<i>Secretariat total</i>	<i>37</i>	<i>46</i>
COSTS total	240	403
RESULT	-44	-183
BALANCE (equity)	197	67

Appendix

Table 1: Number of students in the NOVA PhD courses 2002-2018

Year	Total no. of students	Average number of students per course
2002	292	29
2003	402	24
2004	282	22
2005	366	23
2006	346	25
2007	355	25
2008	391	23
2009	382	20
2010	444	23
2011	398	19
2012	355	22
2013	236	21
2014	175	22
2015	198	17
2016	270	19
2017	279	20
2018	258	18

Table 2: Number of NOVA students in NOVA PhD courses per member, in total, and average per course, 2008-2018

	AU-DJF/AU-ST	LIFE	KU-HEALTH	KU-SCIENCE	HU-AF	HU-V	LBHI	UMB	NVH	NMBU	SLU	UEF-F	NOVA total	NOVA PHD stud./course	NOVA PhD stud. %
2008	*	55			30	29	7	28	18		86	11	264	14	62
2009	18	47			27	19	3	52	27		91	17	301	16	74
2010	36	59			61	15	2	58	11		71	18	331	17	75
2011	40	52			52	3	4	43	4		83	19	300	14	75
2012	39	38			52	29	3	20	5		71	8	265	17	75
2013	22		8	14	34	24	1	29	5		56	11	204	19	86
2014	19		2	8	32	18	1			31	34	0	145	18	83
2015	28		0	23	21	0	0			21	48	9	150	13	76
2016	41		2	18	35	20	2			26	47	15	206	15	76
2017	25		-	17	28	21	2			44	48	17	202	16	72
2018	18				34	11	1			34	63	12	173	14	67

* AU-DJF became full member from January 2009

* LIFE was split in 2013 to KU-HEALTH and KU-SCIENCE. KU-HEALTH withdrew from NOVA from 1 Jan. 2016. From, 2017, their students are not included in this table.

KU-SCIENCE withdrew from NOVA from 1 Jan. 2017. From 2018, their students are not included in this table.

* NVH and UMB merged to form NMBU in 2014.

Table 3: Non-NOVA participants on NOVA PhD courses 2002-2018

	BOVA	Other	Total non-NOVA	Percentage non-NOVA
2002	0	37	37	13 %
2003	60	32	92	23 %
2004	33	51	84	30 %
2005	48	132	180*	49 %
2006	57	67	124	36 %
2007	33	119	152	43 %
2008	46	81	127	32 %
2009	20	61	81	21 %
2010	30	83	113	25 %
2011	29	50	79	20 %
2012	10	80	90	25 %
2013	13	18	31	13 %
2014	12	18	30	17 %
2015	4	44	48	24 %
2016	10	54	64	24 %
2017	18	59	77	28 %
2018	15	70	85	33 %

*The large number of non-NOVA participants partly explained by NOVA supporting two PhD courses with main funding from external donors (EU, NordForsk).

Table 4: Number of BOVA and other non-NOVA students 2002-2018

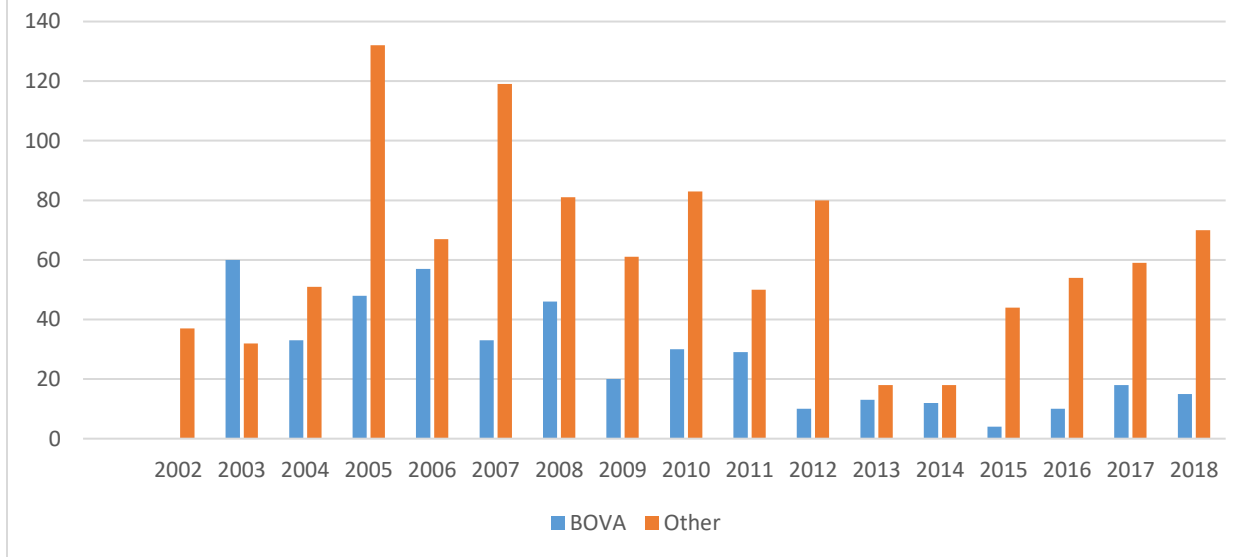


Table 5: Total number of ECTS (all courses) during 2004 to 2018

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
NOVA PhD	940	707	803	808	860	1 094	1647	1480	1003	902	597	622	713	681	555
NOVA Other	30	57	64	28	82	10	92	46	96	100	243	199,5	40	176	157
Baltic	158	187	205	147	194	118	121	122	58	47	83	16	30	74	79
Other non-NOVA	158	549	192	469	371	232	268	200	303	79	254	185,5	187,5	303,5	334
Total	1 286	1 500	1 264	1 451	1 507	1 454	2 128	1 838	1460	1128	1177	1023	970,5	1234,5	1125
Average total ECTS / course	99	94	90	104	88	77	93	88	91	103	98	64	65	69	66

Table 6: NOVA project grant amounts* by category 2003-2018, PhD courses not included (€)

Type of project	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Planning grants	21 673	38 921	36 493	31 432	20 250	18 000	23 210	33 227	22 395	19 999	4 000	9 900	0	0	0	0
Network projects	76 785	148 795	168 420	85 253	73 500	32 130	27 353	17 117	21 000	5 000	10 035	0	0	0	0	0
NIMCs (master's courses)		6 000	40 000	40 588	68 077	76 108	73 285	31 024	13 200	43 987	18 433	26 484	36 073	33 367	51 522	33 344
Other	26 490	37 312	15 100	3 927		29 515	14 000	0	1 749	0	0	0	0	0	0	0
NOVA prize	3 000	4 000	0	4 000	5 000	5 000	5 000	5 000	5 000	0	0	0	0	0	0	0
Total	122 386	265 063	229 741	160 766	165 214	160 753	142 848	86 368	63 344	68 986	32 468	36 384	36 073	33 367	51 522	33 344

* Maximum grant amounts, not final amounts paid.

Table 7: Matrix on number of undergraduate students on Nordplus normal mobility 2017/2018

		HU-AF	HU-V	NMBU	SLU	LBHI	HEALTH	SCIENCE	UEF-F	AU-ST	LSMU-VA	LLU	EMU	ASU	Practice	
From	HU-AF															0
	HU-V														1	1
	NMBU															0
	SLU															0
	LBHI															0
	SCIENCE			4	1											5
	HEALTH															0
	UEF-F															0
	AU-ST			3										1		4
	LSMU-VA														1	1
	LLU															0
	EMU				1											1
	ASU															0
			0	0	7	2	0	0	0	0	0	0	0	1	0	2

Table 8: Matrix on number of undergraduate students on Nordplus express mobility 2017/2018

		HU-AF	HU-V	NMBU	SLU	LBHI	HEALTH	SCIENCE	UEF-F	AU-ST	LSMU-VA	LLU	EMU	ASU	Practice	
From	HU-AF															0
	HU-V			5			3						6		2	16
	NMBU		3			2				1			1			7
	SLU			2												2
	LBHI												2			2
	SCIENCE			1									1			2
	HEALTH		3	5	1											9
	UEF-F												1			1
	AU-ST			1												1
	LSMU-VA											3	2		2	7
	LLU		1						1			5		12	7	26
	EMU		2	3	1		2					3		3	3	17
	ASU											6				6
			0	9	17	2	2	5	1	0	1	5	12	25	10	7