

**IMPLEMENTATION REPORT FOR THE EUROPEAN TERRITORIAL  
COOPERATION GOAL  
PART A**

**IDENTIFICATION OF THE ANNUAL IMPLEMENTATION REPORT**

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<b>IDENTIFICATION OF THE ANNUAL IMPLEMENTATION REPORT .....</b>	<b>1</b>
KEY INFORMATION ON THE IMPLEMENTATION OF THE COOPERATION PROGRAMME FOR THE YEAR CONCERNED, INCLUDING ON FINANCIAL INSTRUMENTS, WITH RELATION TO THE FINANCIAL AND INDICATOR DATA.....	4
<b>3. IMPLEMENTATION OF THE PRIORITY AXIS.....</b>	<b>6</b>
3.1 OVERVIEW OF THE IMPLEMENTATION .....	6
3.2 COMMON AND PROGRAMME SPECIFIC INDICATORS (ARTICLE 50(2) OF REGULATION (EU) NO 1303/2013) .....	9
PRIORITY AXES OTHER THAN TECHNICAL ASSISTANCE .....	9
TABLE 2: COMMON AND PROGRAMME SPECIFIC OUTPUT INDICATORS - 1.1B.....	9
TABLE 1: RESULT INDICATORS - 1.1B.1.1.....	10
TABLE 1: RESULT INDICATORS - 1.1B.1.2.....	11
TABLE 1: RESULT INDICATORS - 1.1B.1.3.....	12
TABLE 2: COMMON AND PROGRAMME SPECIFIC OUTPUT INDICATORS - 2.6G.....	13
TABLE 1: RESULT INDICATORS - 2.6G.2.1 .....	14
TABLE 1: RESULT INDICATORS - 2.6G.2.2 .....	15
TABLE 2: COMMON AND PROGRAMME SPECIFIC OUTPUT INDICATORS - 3.5A.....	16
TABLE 1: RESULT INDICATORS - 3.5A.3.1 .....	17
TABLE 2: COMMON AND PROGRAMME SPECIFIC OUTPUT INDICATORS - 3.6D.....	18
TABLE 1: RESULT INDICATORS - 3.6D.3.2 .....	19
TABLE 2: COMMON AND PROGRAMME SPECIFIC OUTPUT INDICATORS - 4.7C.....	20
TABLE 1: RESULT INDICATORS - 4.7C.4.1.....	21
TABLE 1: RESULT INDICATORS - 4.7C.4.2.....	22
PRIORITY AXES FOR TECHNICAL ASSISTANCE .....	23
TABLE 2: COMMON AND PROGRAMME SPECIFIC OUTPUT INDICATORS - 5.TECHNICAL ASSISTANCE.....	23
TABLE 1: RESULT INDICATORS - 5.5.1 .....	24
TABLE 1: RESULT INDICATORS - 5.5.2.....	25
3.3 TABLE 3: INFORMATION ON THE MILESTONES AND TARGETS DEFINED IN THE PERFORMANCE FRAMEWORK .....	26
3.4. FINANCIAL DATA.....	28
TABLE 4: FINANCIAL INFORMATION AT PRIORITY AXIS AND PROGRAMME LEVEL.....	28
WHERE APPLICABLE, THE USE OF ANY CONTRIBUTION FROM THIRD COUNTRIES PARTICIPATING IN THE COOPERATION PROGRAMME SHOULD BE PROVIDED (FOR EXAMPLE IPA AND ENI, NORWAY, SWITZERLAND) .....	29
TABLE 6: CUMULATIVE COST OF ALL OR PART OF AN OPERATION IMPLEMENTED OUTSIDE THE UNION PART OF THE PROGRAMME AREA .....	30
(1) ERDF SUPPORT IS THE COMMISSION DECISION ON THE RESPECTIVE COOPERATION PROGRAMME. ....	30
<b>4. SYNTHESIS OF THE EVALUATIONS.....</b>	<b>31</b>
<b>5. ISSUES AFFECTING THE PERFORMANCE OF THE PROGRAMME AND MEASURES TAKEN.....</b>	<b>33</b>
(A) ISSUES WHICH AFFECT THE PERFORMANCE OF THE PROGRAMME AND THE MEASURES TAKEN.....	33
(B) OPTIONAL FOR LIGHT REPORTS, OTHERWISE IT WILL BE INCLUDED IN POINT 9.1. AN ASSESSMENT OF WHETHER PROGRESS MADE TOWARDS TARGETS IS SUFFICIENT TO ENSURE THEIR FULFILMENT, INDICATING ANY REMEDIAL ACTIONS TAKEN OR PLANNED, WHERE APPROPRIATE. ....	34
<b>6. CITIZEN'S SUMMARY (ARTICLE 50(9) OF REGULATION (EU) NO 1303/2013) .....</b>	<b>35</b>
<b>7. REPORT ON THE IMPLEMENTATION OF FINANCIAL INSTRUMENTS (ARTICLE 46 OF REGULATION (EU) NO 1303/2013) .....</b>	<b>36</b>
<b>8. PROGRESS IN PREPARATION AND IMPLEMENTATION OF MAJOR PROJECTS AND JOINT ACTION PLANS (ARTICLE 101(H) AND ARTICLE 111(3) OF REGULATION (EU) NO 1303/2013 AND ARTICLE 14(3)(B) OF REGULATION (EU) NO 1299/2013).....</b>	<b>37</b>
8.1. MAJOR PROJECTS .....	37
TABLE 7: MAJOR PROJECTS.....	37
SIGNIFICANT PROBLEMS ENCOUNTERED IN IMPLEMENTING MAJOR PROJECTS AND MEASURES TAKEN TO OVERCOME THEM .....	37
ANY CHANGE PLANNED IN THE LIST OF MAJOR PROJECTS IN THE COOPERATION PROGRAMME .....	37
8.2. JOINT ACTION PLANS .....	38
TABLE 8: JOINT ACTION PLANS (JAP) .....	39
SIGNIFICANT PROBLEMS ENCOUNTERED AND MEASURES TAKEN TO OVERCOME THEM .....	40
<b>9. ASSESSMENT OF THE IMPLEMENTATION OF THE COOPERATION PROGRAMME (ARTICLE 50(4) OF REGULATION (EU) NO 1303/2013 AND ARTICLE 14(4) OF REGULATION (EU) NO 1299/2013).....</b>	<b>41</b>

9.1 INFORMATION IN PART A AND ACHIEVING THE OBJECTIVES OF THE PROGRAMME (ARTICLE 50(4) OF REGULATION (EU) NO 1303/2013) .....	41
9.2. SPECIFIC ACTIONS TAKEN TO PROMOTE EQUALITY BETWEEN MEN AND WOMEN AND TO PROMOTE NON-DISCRIMINATION, IN PARTICULAR ACCESSIBILITY FOR PERSONS WITH DISABILITIES, AND THE ARRANGEMENTS IMPLEMENTED TO ENSURE THE INTEGRATION OF THE GENDER PERSPECTIVE IN THE COOPERATION PROGRAMME AND OPERATIONS (ARTICLE 50(4) OF REGULATION (EU) NO 1303/2013 AND ARTICLE 14(4), SUBPARAGRAPH 2, (D) OF REGULATION (EU) NO 1299/2013) .....	42
9.3. SUSTAINABLE DEVELOPMENT (ARTICLE 50(4) OF REGULATION (EU) NO 1303/2013 AND ARTICLE 14(4), SUBPARAGRAPH 2, (E) OF REGULATION (EU) NO 1299/2013) .....	43
9.4. REPORTING ON SUPPORT USED FOR CLIMATE CHANGE OBJECTIVES (ARTICLE 50(4) OF REGULATION (EU) NO 1303/2013) .....	44
9.5 ROLE OF PARTNERS IN THE IMPLEMENTATION OF THE COOPERATION PROGRAMME (ARTICLE 50(4) OF REGULATION (EU) NO 1303/2013 AND ARTICLE 14(4), SUBPARAGRAPH 1, (C) OF REGULATION (EU) NO 1299/2013) .....	45
<b>10. OBLIGATORY INFORMATION AND ASSESSMENT ACCORDING TO ARTICLE 14(4), SUBPARAGRAPH 1 (A) AND (B), OF REGULATION (EU) NO 1299/2013 .....</b>	<b>46</b>
10.1 PROGRESS IN IMPLEMENTATION OF THE EVALUATION PLAN AND THE FOLLOW-UP GIVEN TO THE FINDINGS OF EVALUATIONS ...	46
10.2 THE RESULTS OF THE INFORMATION AND PUBLICITY MEASURES OF THE FUNDS CARRIED OUT UNDER THE COMMUNICATION STRATEGY .....	48
<b>11. ADDITIONAL INFORMATION WHICH MAY BE ADDED DEPENDING ON THE CONTENT AND OBJECTIVES OF THE COOPERATION PROGRAMME (ARTICLE 14(4), SUBPARAGRAPH 2 (A), (B), (C) AND (F), OF REGULATION (EU) NO 1299/2013) .....</b>	<b>49</b>
11.1. PROGRESS IN THE IMPLEMENTATION OF THE INTEGRATED APPROACH TO TERRITORIAL DEVELOPMENT, INCLUDING INTEGRATED TERRITORIAL INVESTMENTS, SUSTAINABLE URBAN DEVELOPMENT, AND COMMUNITY LED LOCAL DEVELOPMENT UNDER THE COOPERATION PROGRAMME .....	49
11.2 PROGRESS IN IMPLEMENTATION OF ACTIONS TO REINFORCE THE CAPACITY OF AUTHORITIES AND BENEFICIARIES TO ADMINISTER AND TO USE THE ERDF .....	50
11.3 CONTRIBUTION TO MACRO-REGIONAL AND SEA BASIN STRATEGIES (WHERE APPROPRIATE) .....	51
11.4 PROGRESS IN THE IMPLEMENTATION OF ACTIONS IN THE FIELD OF SOCIAL INNOVATION .....	52
<b>13. SMART, SUSTAINABLE AND INCLUSIVE GROWTH .....</b>	<b>53</b>
<b>14. ISSUES AFFECTING THE PERFORMANCE OF THE PROGRAMME AND MEASURES TAKEN — PERFORMANCE FRAMEWORK (ARTICLE 50(2) OF REGULATION (EU) NO 1303/2013).....</b>	<b>54</b>
<b>DOCUMENTS.....</b>	<b>55</b>
<b>LATEST VALIDATION RESULTS.....</b>	<b>56</b>

## 2. OVERVIEW OF THE IMPLEMENTATION OF THE COOPERATION PROGRAMME (Article 50(2) of Regulation (EU) No 1303/2013 and Article 14(3)(a) of Regulation (EU) No 1299/2013)

### **Key information on the implementation of the cooperation programme for the year concerned, including on financial instruments, with relation to the financial and indicator data.**

In 2021 the implementation of the new Interreg Programme VIB had an important stake while the current Interreg Programme VB and project implementations were still running. The projects of the VB programme were again impacted by the COVID-19 pandemic. An extra call 12 for project extensions has been opened early 2021. With regards to the Interreg Programme VIB, the Programme Preparation Group continued working on the implementation of the new programme. In addition, the Joint Secretariat (JS) organized online events to promote and implement the Interreg Programme VIB, such as a sneak preview webinar, pitch & network events, online consultations for applicants and online versions of parts of the postponed North Sea Conference. Like 2020, most activities took place during a period which was characterized by a high level of uncertainty and unpredictability due to the COVID-19 pandemic.

### **Interreg Programme VB**

By Written Procedure no. 10 the Monitoring Committee agreed that the Joint Secretariat will send Steering Committee members and National Contact Points (NCPs) a notification each time a project submits a final report through the Online Monitoring System. This would allow Steering Committee members and the NCPs to send any comments or concerns about the closure of the project to the Joint Secretariat.

Call 12 was opened on 11 January 2021 and closed on 19 March 2021. Call 12 was opened for project extensions only. Before the call, applicants were also invited to a webinar about the call, hosted by the Joint Secretariat on 4 February. The event provided projects considering an extension request with the necessary information to submit a successful extension request. 27 requests for extensions were submitted electronically via the Online Monitoring System. The Steering Committee met online on 15 June 2021 to vote on the extension applications. A total of 25 extensions got approved by Steering Committee.

In 2021 the JS and the NCPs decided to initiate a series of joint exchanges designed to focus on aligning day to day work. These exchange sessions concerned both the VB and VIB. Topics that came out of the sessions relate to project development and mobilising stakeholders for the new programme period.

Also, roundtable sessions were organised as a collaboration between the JS and the NCPs. The roundtables, organised per priority, were meant for the project community to share ideas, and help each other on specific topics.

On 12 May 2021 the Annual Report for 2020 was formally approved by the Monitoring Committee through Written Procedure no. 11.

In 2021 two Monitoring Committee meetings were held: Both online.

The first, Monitoring Committee 12, took place on 20 May 2021. On the agenda, amongst other topics, were the outcome of the tender on IT infrastructure of the new programme (OMS/new website). Another discussion took place on the COVID-19 impact, since it became clear that projects would be affected again by the COVID-19 pandemic in 2021. During Monitoring Committee 12 the committee members were asked to approve: (1) The proposed changes to Fact Sheet No 16 and (2) The proposed action in relation to potential

double funding as a result of national COVID-19 aid schemes. (1) and (2) were both approved.

The second, Monitoring Committee 13, took place on 9 November 2021. During Monitoring Committee 13 the committee members were asked to approve: (1) Additional funding for a project in trouble because of COVID-19 and (2) Statement of Accounts 2020/2021. (1) and (2) were both approved.

During MC 12 it was also discussed that the next North Sea Conference would take place from 23-25 November 2021 at Bruges, Belgium. Although COVID-19 restrictions were released slightly after the summer, pandemic numbers increased quickly in Europe in the autumn. Consequently, it was decided to postpone the North Sea Conference shortly before it should have taken place. The new dates for the event were shifted to 23-25 May 2022.

## **Interreg Programme VIB**

Throughout 2021 a series of seven Programme Preparation Group meetings (PPG) were organised to further complete and implement the Interreg Programme VIB. All PPG meetings in 2021 were held online. The first half of the year the focus for PPG 6, PPG 7 and PPG 8 was on the content and framework of the programme. Decisions were made on topics as the draft of the Interreg Programme VIB part 1&2, administrative parts, communication, and other topics (the strategic environmental assessment, timeline for implementation). At PPG 8 the Working group on Call for proposals, Applications and Projects of the new programme (CAP) was established. The CAP group consists of different representatives of the Member States, facilitated by the Joint Secretariat. At PPG 9 the revisions to the Interreg Programme VIB following Commission informal feedback were discussed. During PPG10 the Interreg Programme approval process by the Member States was discussed next to the opening of call 1 and promoting events. In PPG 11 Member States were asked for agreement to the content of the Interreg North Sea Programme 2021-2027 and commitment to provide the co-financing necessary to implement the programme. In addition, several Fact Sheets, relevant for the first call in the VIB programme period, were approved by the Member States. During 2021 the total of 23 Fact Sheets were approved and were also published on the programme's website. At PPG 12 the final approval of the programme prior to national signature was discussed.

To facilitate decision making of the PPG, the CAP group started. In total five CAP meetings were organised respectively. Topics of the CAP meetings were type of projects, application procedure and templates, call 1 framework, time plan calls and assessment criteria amongst others. The topics discussed were used as a basis for discussion during the PPG meetings. The development of the Online Monitoring System as well as the website of the Interreg VIB programme have been procured and has been contracted. Also, the implementation of both systems has been started successfully in 2021.

The opening of the first call was successfully issued on 16 December 2021. The first call allows for Expressions of Interest, Full Applications as well as the new application format Small Scale Projects. The first call was of course preceded by several online events to prepare potential applicants for a successful submission. This included for example the soft launch webinars, including topics from Small Scale Projects to programme rules, partnership and intervention logic and indicators. On top of that a mini Get Ready event was organised online on 2 December 2021. The Get ready event was originally planned as part of the North Sea Conference in November that had to be postponed until 23-25. May 2022. The mini Get Ready event included a presentation of the new priorities and specific objectives of the Interreg VIB programme as well as aspects about project management and project communication.

### 3. IMPLEMENTATION OF THE PRIORITY AXIS

#### 3.1 Overview of the implementation

ID	Priority axis	Key information on the implementation of the priority axis with reference to key developments, significant problems and steps taken to address these problems
1	Thinking Growth: Supporting growth in North Sea Region economies	<p>The aim of the priority is to:</p> <ul style="list-style-type: none"> <li>• Strengthen the knowledge economy to generate growth and jobs especially in SMEs</li> <li>• Improve the commercial take-up of research results + Improve framework conditions for new and expanding companies</li> <li>• Ensure that all parts of the region actively develop their innovation potential based on their own positions of strength</li> <li>• Stimulate innovation in public service delivery</li> <li>• Ensure that public administrations where possible use public investments as a driver for innovation</li> </ul> <p>By the end of 2021, 22 projects had been approved in Priority 1 with a total of 46.672.903 € in ERDF and 3.667.431 € in Norwegian funding. This leaves 0.00 € in ERDF and Norwegian funding for future project extensions. 6 projects have closed in or before 2021 (in 2021, this includes Reframe). In addition, 4 projects in Priority 1 (Inn2POWER, NorthTick, BLING and FBD) got their extension approved as part of “Call 12 - extensions of ongoing North Sea Region projects”.</p> <p>The remaining text can be found in the annex.</p>
2	Eco-innovation: Stimulating the green economy	<p>The aim of this objective is to</p> <ul style="list-style-type: none"> <li>• identify measures to improve the environmental footprint of the NSR economy and wider society including carbon and resource use</li> <li>• stimulate economic growth plus environmental benefits: less pollution, lower emissions and longerlasting resources</li> <li>• trial different ways of facilitating consumers and enterprises to conserve water, reduce waste, recycle materials, and adopt energy efficient practices and technologies</li> </ul> <p>By the end of 2021, 22 projects had been approved in Priority 2 with a total of 47.885.449 € in ERDF and 1.756.976 € in Norwegian funding. This leaves 0.00 € in ERDF and Norwegian funding for future project extensions. So far 0 projects have closed. In addition, 5 projects in Priority 2 (ProCirc, 2IMPRESZ, SmartGreen, SoilCOM and Stronghouse) got their extension approved as part of “Call 12 - extensions of ongoing North Sea Region projects”.</p>
3	Sustainable North Sea Region: Protecting against climate change and preserving the environment	<p>The aim of the objective is to:</p> <ul style="list-style-type: none"> <li>• improve climate resilience at target sites</li> <li>• long-term sustainable management of North Sea ecosystems</li> </ul>

ID	Priority axis	Key information on the implementation of the priority axis with reference to key developments, significant problems and steps taken to address these problems
		<p>By the end of 2021 18 projects had been approved in Priority 3 with a total of 46.870.783 € in ERDF and 816.262 € in Norwegian funding. This leaves 0.00 € in ERDF and Norwegian funding for future project extensions. Six projects have closed in or before 2021 (Building with Nature, Fair, FRAMES, Sullied Sediments, TOPSOIL and WaterCoG). In addition, eight projects in Priority 3 (IMMERSE, JOMOPANS, G-Patra, NSW, NuReDrain, BEESPOKE, GEANS and CATCH) got their extension approved as part of “Call 12 - extensions of ongoing North Sea Region projects”.</p> <p>The remaining text can be found in the annex.</p>
4	Promoting green transport and mobility	<p>The aim of the objective is to:</p> <ul style="list-style-type: none"> <li>• reduce Green House Gases to tackle climate change</li> <li>• reduce pollution to improve air quality and public health</li> <li>• reduce congestion to maintain competitiveness and free flow of goods and people</li> </ul> <p>By the end of 2021 14 projects had been approved in Priority 4 with a total of 29.896.851 € in ERDF and 1.949.519 € in Norwegian funding. This leaves 0.00 € in ERDF and Norwegian funding for future project extensions. Three projects have closed in or before 2021 (#IWTS2.0 and SEEV4-City). In addition, six projects in Priority 4 (SURFLOGH, BITS, HyTrEc2, North Sea CONNECT, AVATAR and PAV) got their extension approved as part of “Call 12 - extensions of ongoing North Sea Region projects”.</p> <p>The remaining text can be found in the annex.</p>
5	Technical Assistance	<p>The Interreg VB North Sea Region has been in its main operational phase since 2017 and 2021 represents the last year of the main operational phase. Starting in 2022 the programme will gradually enter the winding up phase. All ERDF funding has been allocated, but as the programme operates with an over-allocation strategy some funding remains available for allocation to projects. Originally the limit for over-allocation was 5% but at Monitoring Committee meeting No 11 it was decided to increase the over-allocation rate and operate with a 10% limit. This made available € 12,6 m ERDF and 0,5 Norwegian ERDF equivalent available for allocation. A special call for extension of existing projects was launched in 2021 and 25 project extensions were approved. The programme is now fully allocated and no further calls will be made. The over-allocation strategy has been in place in previous programming periods as well and has proven to be an efficient tool in order to ensure an absorption rate as close to 100% as possible.</p> <p>2021 was also very much affected by the Corona virus, which put a stop to all physical meetings and posed a significant challenge to all projects in the programme. The secretariat has remained in close contact with the project community throughout the year and significant steps have been made to assist the on-going projects as</p>

<b>ID</b>	<b>Priority axis</b>	<b>Key information on the implementation of the priority axis with reference to key developments, significant problems and steps taken to address these problems</b>
		<p>much as possible in a very difficult time. In this process the National Contact Points have been an invaluable support to the secretariat as well as to the projects.</p> <p>The remaining text can be found in the annex.</p>



## 3.2 Common and programme specific indicators (Article 50(2) of Regulation (EU) No 1303/2013)

### Priority axes other than technical assistance

<b>Priority axis</b>	<b>1 - Thinking Growth: Supporting growth in North Sea Region economies</b>
Investment priority	1b - Promoting business investment in R&I, developing links and synergies between enterprises, research and development centres and the higher education sector, in particular promoting investment in product and service development, technology transfer, social innovation, eco-innovation, public service applications, demand stimulation, networking, clusters and open innovation through smart specialisation, and supporting technological and applied research, pilot lines, early product validation actions, advanced manufacturing capabilities and first production, in particular in key enabling technologies and diffusion of general purpose technologies, as well as fostering investment necessary for strengthening the crisis response capacities in health services

**Table 2: Common and programme specific output indicators - 1.1b**

(I)	ID	Indicator	Measurement unit	Target value	2021	Observations
F	CO41	Productive investment: Number of enterprises participating in cross-border, transnational or interregional research projects	Enterprises	29.00	2,566.00	2,566 in total. Current status: Exceeds the target value (29).
S	CO41	Productive investment: Number of enterprises participating in cross-border, transnational or interregional research projects	Enterprises	29.00	1,988.00	1,988 in total. Current status: Exceeds the target value (29).
F	CO42	Productive investment: Number of research institutions participating in cross-border, transnational or interregional research projects	Organisations	19.00	536.00	536 in total. Current status: Exceeds the target value (19).
S	CO42	Productive investment: Number of research institutions participating in cross-border, transnational or interregional research projects	Organisations	19.00	305.00	305 in total. Current status: Exceeds the target value (19).
F	0.1	Number of organizations / enterprises adopting new solutions by project end	Organisations and enterprises	220.00	2,325.00	2,325 in total. Current status: Exceeds the target value. Target value (220).
S	0.1	Number of organizations / enterprises adopting new solutions by project end	Organisations and enterprises	220.00	2,779.00	2,779 in total. Current status: Exceeds the target value. (Target value 220)
F	0.2	Number of organizations / enterprises informed about new solutions by project end	Organisations and enterprises	2,190.00	527,521.00	527,521 in total. Current status: Exceeds the target value (Target value 2,190)
S	0.2	Number of organizations / enterprises informed about new solutions by project end	Organisations and enterprises	2,190.00	46,498.00	46,498 in total. Current status: Exceeds the target value (Target value 2,190)
F	1.1	Number of enterprises cooperating with new / improved knowledge partnerships	Enterprises	477.00	2,531.00	2,531 in total. Current status: Exceeds the target value (Target value 477)
S	1.1	Number of enterprises cooperating with new / improved knowledge partnerships	Enterprises	477.00	1,849.00	1,849 in total. Current status: Exceeds the target value (Target value 477)
F	1.2	Number of improved or new innovation support measures launched for businesses	Measures	20.00	145.00	145 in total. Current status: Exceeds the target value (Target value 20)
S	1.2	Number of improved or new innovation support measures launched for businesses	Measures	20.00	189.00	189 in total. Current status: Exceeds the target value (Target value 20)
F	1.3	Number of improved or new innovation support measures launched for public service delivery	Measures	20.00	144.00	144 in total. Current status: Exceeds the target value (Target value 20)
S	1.3	Number of improved or new innovation support measures launched for public service delivery	Measures	20.00	109.00	109 in total. Current status: Exceeds the target value (Target value 20)

(I)	ID	Indicator	2020	2019	2018	2017	2016	2015	2014
F	CO41	Productive investment: Number of enterprises participating in cross-border, transnational or interregional research projects	1,747.00	1,019.00	403.00	42.00	0.00	0.00	0.00
S	CO41	Productive investment: Number of enterprises participating in cross-border, transnational or interregional research projects	1,885.00	1,885.00	403.00	42.00	0.00	0.00	0.00
F	CO42	Productive investment: Number of research institutions participating in cross-border, transnational or interregional research projects	423.00	294.00	159.00	45.00	0.00	0.00	0.00
S	CO42	Productive investment: Number of research institutions participating in cross-border, transnational or interregional research projects	271.00	271.00	159.00	45.00	0.00	0.00	0.00
F	0.1	Number of organizations / enterprises adopting new solutions by project end	2,120.00	1,180.00	661.00	129.00	0.00	0.00	0.00
S	0.1	Number of organizations / enterprises adopting new solutions by project end	2,645.00	2,645.00	661.00	129.00	0.00	0.00	0.00
F	0.2	Number of organizations / enterprises informed about new solutions by project end	472,083.00	310,456.00	203,131.00	2,624.00	0.00	0.00	0.00
S	0.2	Number of organizations / enterprises informed about new solutions by project end	43,345.00	41,095.00	203,131.00	2,624.00	0.00	0.00	0.00
F	1.1	Number of enterprises cooperating with new / improved knowledge partnerships	2,165.00	1,812.00	1,063.00	100.00	0.00	0.00	0.00
S	1.1	Number of enterprises cooperating with new / improved knowledge partnerships	1,789.00	1,789.00	1,063.00	100.00	0.00	0.00	0.00
F	1.2	Number of improved or new innovation support measures launched for businesses	117.00	100.00	67.00	8.00	0.00	0.00	0.00
S	1.2	Number of improved or new innovation support measures launched for businesses	182.00	182.00	67.00	8.00	0.00	0.00	0.00
F	1.3	Number of improved or new innovation support measures launched for public service delivery	90.00	42.00	14.00	4.00	0.00	0.00	0.00
S	1.3	Number of improved or new innovation support measures launched for public service delivery	95.00	91.00	14.00	4.00	0.00	0.00	0.00

(1) S=Cumulative value - outputs to be delivered by selected operations [forecast provided by beneficiaries], F=Cumulative value - outputs delivered by operations [actual achievement]

<b>Priority axis</b>	<b>1 - Thinking Growth: Supporting growth in North Sea Region economies</b>
Investment priority	1b - Promoting business investment in R&I, developing links and synergies between enterprises, research and development centres and the higher education sector, in particular promoting investment in product and service development, technology transfer, social innovation, eco-innovation, public service applications, demand stimulation, networking, clusters and open innovation through smart specialisation, and supporting technological and applied research, pilot lines, early product validation actions, advanced manufacturing capabilities and first production, in particular in key enabling technologies and diffusion of general purpose technologies, as well as fostering investment necessary for strengthening the crisis response capacities in health services
Specific objective	1.1 - Develop new or improved knowledge partnerships between businesses, knowledge institutions, public administrations and end users with a view to long-term cooperation (post project) on developing products and services

**Table 1: Result indicators - 1.1b.1.1**

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2021 Total	2021 Qualitative	Observations
1.1	Capacity of knowledge partnerships in the North Sea Region to deliver marketable product, service and process innovations	Qualitative analysis of capacity / potential	2.8	2015	3.3		0	As addressed in previous annual reports, the revue takes into account 2017 and 2019 values accordingly.

ID	Indicator	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative	2017 Total	2017 Qualitative
1.1	Capacity of knowledge partnerships in the North Sea Region to deliver marketable product, service and process innovations		0		3,03		0		2,92

ID	Indicator	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
1.1	Capacity of knowledge partnerships in the North Sea Region to deliver marketable product, service and process innovations		0		0		0

<b>Priority axis</b>	<b>1 - Thinking Growth: Supporting growth in North Sea Region economies</b>
Investment priority	1b - Promoting business investment in R&I, developing links and synergies between enterprises, research and development centres and the higher education sector, in particular promoting investment in product and service development, technology transfer, social innovation, eco-innovation, public service applications, demand stimulation, networking, clusters and open innovation through smart specialisation, and supporting technological and applied research, pilot lines, early product validation actions, advanced manufacturing capabilities and first production, in particular in key enabling technologies and diffusion of general purpose technologies, as well as fostering investment necessary for strengthening the crisis response capacities in health services
Specific objective	1.2 - Enhance regional innovation support capacity to increase long-term innovation levels and support smart specialization strategies.

**Table 1: Result indicators - 1.1b.1.2**

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2021 Total	2021 Qualitative	Observations
1.2	Capacity of authorities / practitioners to increase the scope and quality of innovation in enterprises	Qualitative analysis of capacity / potential	2.6	2015	3.1		0	As addressed in previous annual reports, the revue takes into account 2017 and 2019 values accordingly.

ID	Indicator	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative	2017 Total	2017 Qualitative
1.2	Capacity of authorities / practitioners to increase the scope and quality of innovation in enterprises		0		2,87		0		2,71

ID	Indicator	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
1.2	Capacity of authorities / practitioners to increase the scope and quality of innovation in enterprises		0		0		0

<b>Priority axis</b>	<b>1 - Thinking Growth: Supporting growth in North Sea Region economies</b>
Investment priority	1b - Promoting business investment in R&I, developing links and synergies between enterprises, research and development centres and the higher education sector, in particular promoting investment in product and service development, technology transfer, social innovation, eco-innovation, public service applications, demand stimulation, networking, clusters and open innovation through smart specialisation, and supporting technological and applied research, pilot lines, early product validation actions, advanced manufacturing capabilities and first production, in particular in key enabling technologies and diffusion of general purpose technologies, as well as fostering investment necessary for strengthening the crisis response capacities in health services
Specific objective	1.3 - Stimulate the public sector to generate innovation demand and innovative solutions for improving public service delivery

**Table 1: Result indicators - 1.1b.1.3**

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2021 Total	2021 Qualitative	Observations
1.3	Capacity of authorities / practitioners to increase the scope and quality of innovation in public service delivery	Qualitative analysis of capacity / potential	2.3	2015	2.8		0	As addressed in previous annual reports, the revue takes into account 2017 and 2019 values accordingly.

ID	Indicator	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative	2017 Total	2017 Qualitative
1.3	Capacity of authorities / practitioners to increase the scope and quality of innovation in public service delivery		0		2,59		0		2,45

ID	Indicator	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
1.3	Capacity of authorities / practitioners to increase the scope and quality of innovation in public service delivery		0		0		0

<b>Priority axis</b>	<b>2 - Eco-innovation: Stimulating the green economy</b>
<b>Investment priority</b>	<b>6g - Supporting industrial transition towards a resource-efficient economy, promoting green growth, eco-innovation and environmental performance management in the public and private sectors</b>

**Table 2: Common and programme specific output indicators - 2.6g**

(1)	ID	Indicator	Measurement unit	Target value	2021	Observations
F	CO41	Productive investment: Number of enterprises participating in cross-border, transnational or interregional research projects	Enterprises	28.00	2,154.00	2,154 in total. Current status: Exceeds the target value (Target value: 28)
S	CO41	Productive investment: Number of enterprises participating in cross-border, transnational or interregional research projects	Enterprises	28.00	1,842.00	1,842 in total. Current status: Exceeds the target value (Target value: 28)
F	CO42	Productive investment: Number of research institutions participating in cross-border, transnational or interregional research projects	Organisations	19.00	345.00	345 in total. Current status: Exceeds the target (Target value 19)
S	CO42	Productive investment: Number of research institutions participating in cross-border, transnational or interregional research projects	Organisations	19.00	177.00	177 in total. Current status: Exceeds the target (Target value 19)
F	0.1	Number of organizations / enterprises adopting new solutions by project end	Organisations and enterprises	208.00	425.00	425 in total. Current status: Exceeds the target (Target value 208)
S	0.1	Number of organizations / enterprises adopting new solutions by project end	Organisations and enterprises	208.00	1,719.00	1,719 in total. Current status: Exceeds the target (Target value 208)
F	0.2	Number of organizations / enterprises informed about new solutions by project end	Organisations and enterprises	2,087.00	109,437.00	109,437 in total. Current status: Exceeds the target value (2,087)
S	0.2	Number of organizations / enterprises informed about new solutions by project end	Organisations and enterprises	2,087.00	60,207.00	60,207 in total. Current status: Exceeds the target value (2,087)
F	2.1	Number of green products, services and processes piloted and/or adopted by the project	Green products, services or processes developed	51.00	433.00	433 in total. Current status: Exceeds the target (target value 51)
S	2.1	Number of green products, services and processes piloted and/or adopted by the project	Green products, services or processes developed	51.00	163.00	163 in total. Current status: Exceeds the target (target value 51)

(1)	ID	Indicator	2020	2019	2018	2017	2016	2015	2014
F	CO41	Productive investment: Number of enterprises participating in cross-border, transnational or interregional research projects	1,584.00	1,221.00	867.00	204.00	0.00	0.00	0.00
S	CO41	Productive investment: Number of enterprises participating in cross-border, transnational or interregional research projects	1,773.00	1,774.00	867.00	204.00	0.00	0.00	0.00
F	CO42	Productive investment: Number of research institutions participating in cross-border, transnational or interregional research projects	245.00	147.00	84.00	9.00	0.00	0.00	0.00
S	CO42	Productive investment: Number of research institutions participating in cross-border, transnational or interregional research projects	173.00	173.00	84.00	9.00	0.00	0.00	0.00
F	0.1	Number of organizations / enterprises adopting new solutions by project end	276.00	84.00	49.00	0.00	0.00	0.00	0.00
S	0.1	Number of organizations / enterprises adopting new solutions by project end	1,524.00	1,524.00	49.00	0.00	0.00	0.00	0.00
F	0.2	Number of organizations / enterprises informed about new solutions by project end	46,628.00	19,104.00	4,792.00	2,360.00	0.00	0.00	0.00
S	0.2	Number of organizations / enterprises informed about new solutions by project end	57,307.00	57,307.00	4,792.00	2,360.00	0.00	0.00	0.00
F	2.1	Number of green products, services and processes piloted and/or adopted by the project	291.00	156.00	93.00	9.00	0.00	0.00	0.00
S	2.1	Number of green products, services and processes piloted and/or adopted by the project	453.00	147.00	93.00	9.00	0.00	0.00	0.00

(1) S=Cumulative value - outputs to be delivered by selected operations [forecast provided by beneficiaries], F=Cumulative value - outputs delivered by operations [actual achievement]

<b>Priority axis</b>	<b>2 - Eco-innovation: Stimulating the green economy</b>
Investment priority	6g - Supporting industrial transition towards a resource-efficient economy, promoting green growth, eco-innovation and environmental performance management in the public and private sectors
Specific objective	2.1 - Promote the development and adoption of products, services and processes to accelerate greening of the North Sea Region economy

**Table 1: Result indicators - 2.6g.2.1**

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2021 Total	2021 Qualitative	Observations
2.1	Capacity of enterprises and organisations to adopt new or improved green products, processes and services	Capacity scale	2.6	2015	3.6		0	As addressed in previous annual reports, the revue takes into account 2017 and 2019 values accordingly.

ID	Indicator	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative	2017 Total	2017 Qualitative
2.1	Capacity of enterprises and organisations to adopt new or improved green products, processes and services		0		3,08		0		2,81

ID	Indicator	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
2.1	Capacity of enterprises and organisations to adopt new or improved green products, processes and services		0		0		0

<b>Priority axis</b>	<b>2 - Eco-innovation: Stimulating the green economy</b>
Investment priority	6g - Supporting industrial transition towards a resource-efficient economy, promoting green growth, eco-innovation and environmental performance management in the public and private sectors
Specific objective	2.2 - Stimulate the adoption of new products, services and processes to reduce the environmental footprint of regions around the North Sea

**Table 1: Result indicators - 2.6g.2.2**

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2021 Total	2021 Qualitative	Observations
2.2	Capacity of authorities / practitioners around the North Sea to identify and implement new ways of reducing their environmental footprint	Capacity scale	2.8	2015	3.8		0	As addressed in previous annual reports, the revue takes into account 2017 and 2019 values accordingly.

ID	Indicator	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative	2017 Total	2017 Qualitative
2.2	Capacity of authorities / practitioners around the North Sea to identify and implement new ways of reducing their environmental footprint		0		3,31		0		3,1

ID	Indicator	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
2.2	Capacity of authorities / practitioners around the North Sea to identify and implement new ways of reducing their environmental footprint		0		0		0

Priority axis	<b>3 - Sustainable North Sea Region: Protecting against climate change and preserving the environment</b>
Investment priority	5a - Supporting investment for adaptation to climate change, including ecosystem-based approaches

**Table 2: Common and programme specific output indicators - 3.5a**

(1)	ID	Indicator	Measurement unit	Target value	2021	Observations
F	CO41	Productive investment: Number of enterprises participating in cross-border, transnational or interregional research projects	Enterprises	6.00	272.00	272 in total. Current status: Exceeds the target value (Target value: 6).
S	CO41	Productive investment: Number of enterprises participating in cross-border, transnational or interregional research projects	Enterprises	6.00	218.00	218 in total. Current status: Exceeds the target value (Target value: 6)
F	CO42	Productive investment: Number of research institutions participating in cross-border, transnational or interregional research projects	Organisations	12.00	150.00	150 in total. Current status: Exceeds the target value (Target value: 12)
S	CO42	Productive investment: Number of research institutions participating in cross-border, transnational or interregional research projects	Organisations	12.00	79.00	79 in total. Current status: Exceeds the target value (Target value: 12)
F	0.1	Number of organizations / enterprises adopting new solutions by project end	Organisations and enterprises	110.00	314.00	314 in total. Current status: Exceeds the target value (Target value: 110)
S	0.1	Number of organizations / enterprises adopting new solutions by project end	Organisations and enterprises	110.00	312.00	312 in total. Current status: Exceeds the target (Target value: 110)
F	0.2	Number of organizations / enterprises informed about new solutions by project end	Organisations and enterprises	1,099.00	9,191.00	9,191 in total. Current status: Exceeds the target (Target value: 1,099)
S	0.2	Number of organizations / enterprises informed about new solutions by project end	Organisations and enterprises	1,099.00	8,150.00	8,150 in total. Current status: Exceeds the target (Target value: 1,099)
F	3.7	Number of new and/or improved climate change adaptation solutions demonstrated	Solutions	25.00	103.00	103 in total. Current status: Exceeds the target (Target value: 25)
S	3.7	Number of new and/or improved climate change adaptation solutions demonstrated	Solutions	25.00	90.00	90 in total. Current status: Exceeds the target (Target value: 25)

(1)	ID	Indicator	2020	2019	2018	2017	2016	2015	2014
F	CO41	Productive investment: Number of enterprises participating in cross-border, transnational or interregional research projects	248.00	161.00	101.00	90.00	0.00	0.00	0.00
S	CO41	Productive investment: Number of enterprises participating in cross-border, transnational or interregional research projects	218.00	218.00	101.00	90.00	0.00	0.00	0.00
F	CO42	Productive investment: Number of research institutions participating in cross-border, transnational or interregional research projects	144.00	108.00	79.00	56.00	0.00	0.00	0.00
S	CO42	Productive investment: Number of research institutions participating in cross-border, transnational or interregional research projects	69.00	69.00	79.00	56.00	0.00	0.00	0.00
F	0.1	Number of organizations / enterprises adopting new solutions by project end	239.00	103.00	21.00	74.00	0.00	0.00	0.00
S	0.1	Number of organizations / enterprises adopting new solutions by project end	262.00	262.00	21.00	74.00	0.00	0.00	0.00
F	0.2	Number of organizations / enterprises informed about new solutions by project end	6,735.00	4,551.00	981.00	561.00	0.00	0.00	0.00
S	0.2	Number of organizations / enterprises informed about new solutions by project end	7,650.00	7,650.00	981.00	561.00	0.00	0.00	0.00
F	3.7	Number of new and/or improved climate change adaptation solutions demonstrated	63.00	24.00	19.00	1.00	0.00	0.00	0.00
S	3.7	Number of new and/or improved climate change adaptation solutions demonstrated	81.00	81.00	19.00	1.00	0.00	0.00	0.00

(1) S=Cumulative value - outputs to be delivered by selected operations [forecast provided by beneficiaries], F=Cumulative value - outputs delivered by operations [actual achievement]



<b>Priority axis</b>	<b>3 - Sustainable North Sea Region: Protecting against climate change and preserving the environment</b>
Investment priority	5a - Supporting investment for adaptation to climate change, including ecosystem-based approaches
Specific objective	3.1 - Demonstrate new and/or improved methods for improving the climate resilience of target sites

**Table 1: Result indicators - 3.5a.3.1**

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2021 Total	2021 Qualitative	Observations
3.1	Capacity of relevant authorities / practitioners around the North Sea to identify and implement solutions for improving climate change resilience	Capacity scale	2.7	2015	3.7		0	As addressed in previous annual reports, the revue takes into account 2017 and 2019 values accordingly.

ID	Indicator	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative	2017 Total	2017 Qualitative
3.1	Capacity of relevant authorities / practitioners around the North Sea to identify and implement solutions for improving climate change resilience		0		3,29		0		2,95

ID	Indicator	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
3.1	Capacity of relevant authorities / practitioners around the North Sea to identify and implement solutions for improving climate change resilience		0		0		0

<b>Priority axis</b>	<b>3 - Sustainable North Sea Region: Protecting against climate change and preserving the environment</b>
<b>Investment priority</b>	<b>6d - Protecting and restoring biodiversity and soil and promoting ecosystem services, including through Natura 2000, and green infrastructure</b>

**Table 2: Common and programme specific output indicators - 3.6d**

(1)	ID	Indicator	Measurement unit	Target value	2021	Observations
F	CO41	Productive investment: Number of enterprises participating in cross-border, transnational or interregional research projects	Enterprises	6.00	1,062.00	1,062 in total. Current status: Exceeds the target value (Target value: 6)
S	CO41	Productive investment: Number of enterprises participating in cross-border, transnational or interregional research projects	Enterprises	6.00	915.00	915 in total. Current status: Exceeds the target value (Target value: 6)
F	CO42	Productive investment: Number of research institutions participating in cross-border, transnational or interregional research projects	Organisations	12.00	286.00	286 in total. Current status: Exceeds the target value (Target value: 12)
S	CO42	Productive investment: Number of research institutions participating in cross-border, transnational or interregional research projects	Organisations	12.00	208.00	208 in total. Current status: Exceeds the target value (Target value: 12)
F	0.1	Number of organizations / enterprises adopting new solutions by project end	Organisations and enterprises	110.00	1,081.00	1,081 in total. Current status: Exceeds the target value (Target value: 110)
S	0.1	Number of organizations / enterprises adopting new solutions by project end	Organisations and enterprises	110.00	1,390.00	1,390 in total. Current status: Exceeds the target value (Target value: 110)
F	0.2	Number of organizations / enterprises informed about new solutions by project end	Organisations and enterprises	1,098.00	108,091.00	108,091 in total. Current status: Exceeds the target value (Target value: 1,098)
S	0.2	Number of organizations / enterprises informed about new solutions by project end	Organisations and enterprises	1,098.00	63,855.00	63,885 in total. Current status: Exceeds the target value (Target value: 1,098)
F	3.2	Number of sites managed using new solutions supporting long-term sustainability	Sites	42.00	183.00	183 in total. Current status: Exceeds the target value (Target value: 42)
S	3.2	Number of sites managed using new solutions supporting long-term sustainability	Sites	42.00	201.00	201 in total. Current status: Exceeds the target value (Target value: 42)

(1)	ID	Indicator	2020	2019	2018	2017	2016	2015	2014
F	CO41	Productive investment: Number of enterprises participating in cross-border, transnational or interregional research projects	865.00	557.00	467.00	90.00	0.00	0.00	0.00
S	CO41	Productive investment: Number of enterprises participating in cross-border, transnational or interregional research projects	746.00	746.00	467.00	90.00	0.00	0.00	0.00
F	CO42	Productive investment: Number of research institutions participating in cross-border, transnational or interregional research projects	231.00	110.00	62.00	56.00	0.00	0.00	0.00
S	CO42	Productive investment: Number of research institutions participating in cross-border, transnational or interregional research projects	120.00	120.00	62.00	56.00	0.00	0.00	0.00
F	0.1	Number of organizations / enterprises adopting new solutions by project end	748.00	380.00	285.00	74.00	0.00	0.00	0.00
S	0.1	Number of organizations / enterprises adopting new solutions by project end	1,339.00	1,339.00	285.00	74.00	0.00	0.00	0.00
F	0.2	Number of organizations / enterprises informed about new solutions by project end	31,710.00	23,063.00	21,321.00	561.00	0.00	0.00	0.00
S	0.2	Number of organizations / enterprises informed about new solutions by project end	32,438.00	32,438.00	21,321.00	561.00	0.00	0.00	0.00
F	3.2	Number of sites managed using new solutions supporting long-term sustainability	193.00	48.00	44.00	16.00	0.00	0.00	0.00
S	3.2	Number of sites managed using new solutions supporting long-term sustainability	172.00	172.00	44.00	16.00	0.00	0.00	0.00

(1) S=Cumulative value - outputs to be delivered by selected operations [forecast provided by beneficiaries], F=Cumulative value - outputs delivered by operations [actual achievement]

<b>Priority axis</b>	<b>3 - Sustainable North Sea Region: Protecting against climate change and preserving the environment</b>
Investment priority	6d - Protecting and restoring biodiversity and soil and promoting ecosystem services, including through Natura 2000, and green infrastructure
Specific objective	3.2 - Develop new methods for the long-term sustainable management of North Sea ecosystems

**Table 1: Result indicators - 3.6d.3.2**

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2021 Total	2021 Qualitative	Observations
3.2	Capacity of North Sea regions to improve the quality of the environment	Capacity scale	2.9	2015	3.9		0	As addressed in previous annual reports, the revue takes into account 2017 and 2019 values accordingly.

ID	Indicator	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative	2017 Total	2017 Qualitative
3.2	Capacity of North Sea regions to improve the quality of the environment		0			3,43		0	3,17

ID	Indicator	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
3.2	Capacity of North Sea regions to improve the quality of the environment		0			0	0

<b>Priority axis</b>	<b>4 - Promoting green transport and mobility</b>
<b>Investment priority</b>	<b>7c - Developing and improving environmentally-friendly (including low noise) and low-carbon transport systems, including inland waterways and maritime transport, ports, multimodal links and airport infrastructure, in order to promote sustainable regional and local mobility</b>

**Table 2: Common and programme specific output indicators - 4.7c**

(1)	ID	Indicator	Measurement unit	Target value	2021	Observations
F	CO41	Productive investment: Number of enterprises participating in cross-border, transnational or interregional research projects	Enterprises	9.00	559.00	559 in total. Current status: Exceeds the target value (Target value: 9).
S	CO41	Productive investment: Number of enterprises participating in cross-border, transnational or interregional research projects	Enterprises	9.00	433.00	433 in total. Current status: Exceeds the target value (Target value: 9)
F	CO42	Productive investment: Number of research institutions participating in cross-border, transnational or interregional research projects	Organisations	18.00	181.00	181 in total. Current status: Exceeds the target value (Target value: 18)
S	CO42	Productive investment: Number of research institutions participating in cross-border, transnational or interregional research projects	Organisations	18.00	122.00	122 in total. Current status: Exceeds the target value (Target value: 18)
F	0.1	Number of organizations / enterprises adopting new solutions by project end	Organisations and enterprises	132.00	737.00	737 in total. Current status: Exceeds the target value (Target value: 132)
S	0.1	Number of organizations / enterprises adopting new solutions by project end	Organisations and enterprises	132.00	509.00	509 in total. Current status: Exceeds the target value (Target value: 132)
F	0.2	Number of organizations / enterprises informed about new solutions by project end	Organisations and enterprises	1,329.00	81,960.00	81,960 in total. Current status: Exceeds the target value (Target value: 1,329)
S	0.2	Number of organizations / enterprises informed about new solutions by project end	Organisations and enterprises	1,329.00	32,500.00	32,500 in total. Current status: Exceeds the target value (Target value: 1,329)
F	4.1	Number of new and/or improved green transport solutions adopted	Green transport solutions	50.00	216.00	216 in total. Current status: Exceeds the target value (Target value: 50)
S	4.1	Number of new and/or improved green transport solutions adopted	Green transport solutions	50.00	181.00	181 in total. Current status: Exceeds the target value (Target value: 50)

(1)	ID	Indicator	2020	2019	2018	2017	2016	2015	2014
F	CO41	Productive investment: Number of enterprises participating in cross-border, transnational or interregional research projects	351.00	247.00	124.00	19.00	0.00	0.00	0.00
S	CO41	Productive investment: Number of enterprises participating in cross-border, transnational or interregional research projects	389.00	389.00	124.00	19.00	0.00	0.00	0.00
F	CO42	Productive investment: Number of research institutions participating in cross-border, transnational or interregional research projects	5,697.00	93.00	43.00	6.00	0.00	0.00	0.00
S	CO42	Productive investment: Number of research institutions participating in cross-border, transnational or interregional research projects	113.00	113.00	43.00	6.00	0.00	0.00	0.00
F	0.1	Number of organizations / enterprises adopting new solutions by project end	547.00	276.00	105.00	46.00	0.00	0.00	0.00
S	0.1	Number of organizations / enterprises adopting new solutions by project end	460.00	460.00	105.00	46.00	0.00	0.00	0.00
F	0.2	Number of organizations / enterprises informed about new solutions by project end	36,152.00	17,184.00	6,883.00	3,096.00	0.00	0.00	0.00
S	0.2	Number of organizations / enterprises informed about new solutions by project end	29,400.00	28,401.00	6,883.00	3,096.00	0.00	0.00	0.00
F	4.1	Number of new and/or improved green transport solutions adopted	166.00	95.00	45.00	15.00	0.00	0.00	0.00
S	4.1	Number of new and/or improved green transport solutions adopted	170.00	151.00	45.00	15.00	0.00	0.00	0.00

(1) S=Cumulative value - outputs to be delivered by selected operations [forecast provided by beneficiaries], F=Cumulative value - outputs delivered by operations [actual achievement]

<b>Priority axis</b>	<b>4 - Promoting green transport and mobility</b>
Investment priority	7c - Developing and improving environmentally-friendly (including low noise) and low-carbon transport systems, including inland waterways and maritime transport, ports, multimodal links and airport infrastructure, in order to promote sustainable regional and local mobility
Specific objective	4.1 - Develop demonstrations of innovative and/or improved transport and logistics solutions with potential to move large volumes of freight away from long-distance road transportation

**Table 1: Result indicators - 4.7c.4.1**

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2021 Total	2021 Qualitative	Observations
4.1	Capacity of transport and logistics stakeholders to increase the proportion of long-distance freight carried on sustainable modes in the North Sea Region	Capacity scale	2.7	2015	3.7		0	As addressed in previous annual reports, the revue takes into account 2017 and 2019 values accordingly.

ID	Indicator	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative	2017 Total	2017 Qualitative
4.1	Capacity of transport and logistics stakeholders to increase the proportion of long-distance freight carried on sustainable modes in the North Sea Region		0		3,21		0		2,96

ID	Indicator	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
4.1	Capacity of transport and logistics stakeholders to increase the proportion of long-distance freight carried on sustainable modes in the North Sea Region		0		0		0

<b>Priority axis</b>	<b>4 - Promoting green transport and mobility</b>
Investment priority	7c - Developing and improving environmentally-friendly (including low noise) and low-carbon transport systems, including inland waterways and maritime transport, ports, multimodal links and airport infrastructure, in order to promote sustainable regional and local mobility
Specific objective	4.2 - Stimulate the take-up and application of green transport solutions for regional freight and personal transport

**Table 1: Result indicators - 4.7c.4.2**

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2021 Total	2021 Qualitative	Observations
4.2	Capacity of authorities and enterprises to increase the use of green transport services	Capacity scale	3.0	2015	4.0		0	As addressed in previous annual reports, the revue takes into account 2017 and 2019 values accordingly.

ID	Indicator	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative	2017 Total	2017 Qualitative
4.2	Capacity of authorities and enterprises to increase the use of green transport services		0		3,55		0		3,24

ID	Indicator	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
4.2	Capacity of authorities and enterprises to increase the use of green transport services		0		0		0

## Priority axes for technical assistance

Priority axis	5 - Technical Assistance
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**Table 2: Common and programme specific output indicators - 5.Technical Assistance**

(1)	ID	Indicator	Measurement unit	Target value	2021	Observations
F	5.1	Number of project ideas advised	Project ideas	500.00	0.00	Internal monitoring at JS and NCPs. 276 in total. Current status: On track (target value 500)
S	5.1	Number of project ideas advised	Project ideas	500.00	0.00	Internal monitoring at JS and NCPs. 276 in total. Current status: On track (target value 500)
F	5.2	Number of applications received and assessed	Applications	237.00	0.00	Monitoring system. 127 full applications in total. Current status: On track (target value 237)
S	5.2	Number of applications received and assessed	Applications	237.00	0.00	Monitoring system. 127 full applications in total. Current status: On track (target value 237)
F	5.3	Percentage of programme output targets met	% output indicators achieved	95.00	0.00	Monitoring system:  Priority 1: Specific output indicator: 453,9% (1.1); 530,60% (1.2); and 725% (1.3) 730%.  Priority 2: Specific output indicator: 849,0% (2.1 & 2.2);  Priority 3: Specific output indicator: 412,0% (3.1) and 435,7% (3.2);  Priority 4: Specific output indicator: One joint indicator 432,0% (4.1 and 4.2)
S	5.3	Percentage of programme output targets met	% output indicators achieved	95.00	0.00	Monitoring system:  Priority 1: Specific output indicator: 453,9% (1.1); 530,60% (1.2); and 725% (1.3) 730%.  Priority 2: Specific output indicator: 849,0% (2.1 & 2.2);  Priority 3: Specific output indicator: 412,0% (3.1) and 435,7% (3.2);  Priority 4: Specific output indicator: One joint indicator 432,0% (4.1 and 4.2)
F	5.4	Number of visitors to programme website	Visitors	150,000.00	158,785.00	Count tool on website. 604,473 in total. Current status: Exceeds the target value (150,000).
S	5.4	Number of visitors to programme website	Visitors	150,000.00	158,785.00	Count tool on website. 604,473 in total. Current status: Exceeds the target value (150,000).
F	5.5	Number of participants at events promoting the programme and its results	Participants	10,000.00	1,221.00	Monitoring by JS and other event organisers. 7,146 in total. Current status: On track (target value 10,000)
S	5.5	Number of participants at events promoting the programme and its results	Participants	10,000.00	1,221.00	Monitoring by JS and other event organisers. 7,146 in total. Current status: On track (target value 10,000)
F	5.6	Amount of expenditure requiring follow-up and / or correction	% of total programme budget	2.32	0.00	Monitoring (baseline is 4.82%). 0 in total. Current status: On track (target value 2,32) Reference: Article 50(2) of Regulation (EU) No 1303/2013
S	5.6	Amount of expenditure requiring follow-up and / or correction	% of total programme budget	2.32	0.00	Monitoring (baseline is 4.82%). 0 in total. Current status: On track (target value 2,32) Reference: Article 50(2) of Regulation (EU) No 1303/2013
F	5.7	Number of employees (FTEs) whose salaries are co-financed by technical assistance	FTEs	12.50	14.00	Approximate number.
S	5.7	Number of employees (FTEs) whose salaries are co-financed by technical assistance	FTEs	12.50	14.00	Approximate number.

(1)	ID	Indicator	2020	2019	2018	2017	2016	2015	2014
F	5.1	Number of project ideas advised	0.00	0.00	16.00	18.00	69.00	173.00	0.00
S	5.1	Number of project ideas advised	0.00	0.00	16.00	18.00	69.00	173.00	0.00
F	5.2	Number of applications received and assessed	0.00	127.00	108.00	62.00	71.00	79.00	0.00
S	5.2	Number of applications received and assessed	0.00	127.00	108.00	62.00	71.00	79.00	0.00
F	5.3	Percentage of programme output targets met	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S	5.3	Percentage of programme output targets met	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F	5.4	Number of visitors to programme website	113,103.00	104,000.00	70,000.00	46,489.00	37,284.00	37,407.00	37,407.00
S	5.4	Number of visitors to programme website	113,103.00	104,000.00	70,000.00	46,489.00	37,284.00	37,407.00	37,407.00
F	5.5	Number of participants at events promoting the programme and its results	729.00	530.00	490.00	732.00	710.00	1,267.00	1,267.00
S	5.5	Number of participants at events promoting the programme and its results	729.00	530.00	490.00	732.00	710.00	1,267.00	1,267.00
F	5.6	Amount of expenditure requiring follow-up and / or correction	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S	5.6	Amount of expenditure requiring follow-up and / or correction	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F	5.7	Number of employees (FTEs) whose salaries are co-financed by technical assistance	14.00	14.00	14.00	14.00	14.00	14.00	14.00
S	5.7	Number of employees (FTEs) whose salaries are co-financed by technical assistance	14.00	14.00	14.00	14.00	14.00	14.00	14.00

(1) S=Cumulative value - outputs to be delivered by selected operations [forecast provided by beneficiaries], F=Cumulative value - outputs delivered by operations [actual achievement]

Priority axis	5 - Technical Assistance
Specific objective	5.1 - To communicate the programme to relevant stakeholders and stimulate them to develop and deliver high quality projects

**Table 1: Result indicators - 5.5.1**

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2021 Total	2021 Qualitative	Observations
5.1	No indicator required	NA	0.00	0	0.00			

ID	Indicator	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative	2017 Total	2017 Qualitative
5.1	No indicator required								

ID	Indicator	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
5.1	No indicator required						



Priority axis	5 - Technical Assistance
Specific objective	5.2 - To ensure the sound financial management of the programme at all levels so that implementation happens with a minimum of errors, without delays, and in line with all applicable regulations

**Table 1: Result indicators - 5.5.2**

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2021 Total	2021 Qualitative	Observations
5.2	Also not required	NA	0.00	0	0.00			

ID	Indicator	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative	2017 Total	2017 Qualitative
5.2	Also not required								

ID	Indicator	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
5.2	Also not required						

### 3.3 Table 3: Information on the milestones and targets defined in the performance framework

Priority axis	Ind type	ID	Indicator	Measurement unit	Milestone for 2018 total	Final target (2023) total	2021	Observations
1	F	P1.1	Total eligible expenditure incurred by beneficiaries and entered in the accounting system of the Certifying Authority	EUR (ERDF + co-financing)	2250000	89,387,570.00	54,626,214.00	
1	I	P 1.2	Number of applications received and assessed	Applications	27	54.00	41.00	41 Full applications and 69 Expressions of Interest
1	O	1.1	Number of enterprises cooperating with new / improved knowledge partnerships	Enterprises	0	477.00	2,531.00	
1	O	1.2	Number of improved or new innovation support measures launched for businesses	Measures	0	20.00	145.00	
1	O	1.3	Number of improved or new innovation support measures launched for public service delivery	Measures	0	20.00	144.00	
2	F	P1.1	Total eligible expenditure incurred by beneficiaries and entered in the accounting system of the Certifying Authority	EUR (ERDF + co-financing)	2250000	84,697,410.00	49,626,622.00	
2	I	P 1.2	Number of applications received and assessed	Applications	15	28.00	31.00	31 Full Applications & 52 Expression of Interest
2	O	2.1	Number of green products, services and processes piloted and/or adopted by the project	Green products, services or processes developed	0	51.00	433.00	
3	F	P1.1	Total eligible expenditure incurred by beneficiaries and entered in the accounting system of the Certifying Authority	EUR (ERDF + co-financing)	2250000	88,042,490.00	67,636,492.00	
3	I	P 1.2	Number of applications received and assessed	Applications	13	31.00	27.00	27 Full Applications & 33 Expression of Interest
3	O	3.1	Number of new and/or improved climate change adaptation methods demonstrated	Climate change adaptation solutions	0	25.00	103.00	
3	O	3.2	Number of sites managed using new solutions supporting long-term sustainability	Sites	0	42.00	183.00	
4	F	P1.1	Total eligible expenditure incurred by beneficiaries and entered in the accounting system of the Certifying Authority	EUR (ERDF + co-financing)	2250000	52,309,996.00	29,158,830.00	
4	I	P 1.2	Number of applications received and assessed	Applications	20	37.00	28.00	28 Full Applications & 36 Expression of Interest
4	O	4.1	Number of new and/or improved green transport solutions adopted	Green transport solutions	0	50.00	216.00	

Priority axis	Ind type	ID	Indicator	Measurement unit	2020	2019	2018	2017	2016
1	F	P1.1	Total eligible expenditure incurred by beneficiaries and entered in the accounting system of the Certifying Authority	EUR (ERDF + co-financing)	40,576,888.00	22,947,522.00	9,819,310.00	1,334,466.00	
1	I	P 1.2	Number of applications received and assessed	Applications	41.00	33.00	33.00	18.00	30.00
1	O	1.1	Number of enterprises cooperating with new / improved knowledge partnerships	Enterprises	2,165.00	1,812.00	1,063.00	100.00	
1	O	1.2	Number of improved or new innovation support measures launched for businesses	Measures	117.00	100.00	67.00	8.00	
1	O	1.3	Number of improved or new innovation support measures launched for public service delivery	Measures	90.00	42.00	14.00	4.00	
2	F	P1.1	Total eligible expenditure incurred by beneficiaries and entered in the accounting system of the Certifying Authority	EUR (ERDF + co-financing)	30,323,466.00	13,028,042.00	4,755,546.00	1,387,943.00	
2	I	P 1.2	Number of applications received and assessed	Applications	31.00	26.00	26.00	21.00	15.00
2	O	2.1	Number of green products, services and processes piloted and/or adopted by the project	Green products, services or processes developed	291.00	156.00	93.00	9.00	
3	F	P1.1	Total eligible expenditure incurred by beneficiaries and entered in the accounting system of the Certifying Authority	EUR (ERDF + co-financing)	52,391,434.00	31,413,180.00	12,642,246.00	1,214,890.00	
3	I	P	Number of applications received and assessed	Applications	27.00	25.00	25.00	8.00	18.00

Priority axis	Ind type	ID	Indicator	Measurement unit	2020	2019	2018	2017	2016
		1.2							
3	O	3.1	Number of new and/or improved climate change adaptation methods demonstrated	Climate change adaptation solutions	63.00	24.00	19.00	1.00	
3	O	3.2	Number of sites managed using new solutions supporting long-term sustainability	Sites	193.00	48.00	44.00	16.00	
4	F	P1.1	Total eligible expenditure incurred by beneficiaries and entered in the accounting system of the Certifying Authority	EUR (ERDF + co-financing)	16,707,402.00	7,961,946.00	2,882,598.00	928,511.00	
4	I	P 1.2	Number of applications received and assessed	Applications	28.00	24.00	24.00	15.00	12.00
4	O	4.1	Number of new and/or improved green transport solutions adopted	Green transport solutions	166.00	95.00	45.00	15.00	

Priority axis	Ind type	ID	Indicator	Measurement unit	2015	2014
1	F	P1.1	Total eligible expenditure incurred by beneficiaries and entered in the accounting system of the Certifying Authority	EUR (ERDF + co-financing)		
1	I	P 1.2	Number of applications received and assessed	Applications	27.00	0.00
1	O	1.1	Number of enterprises cooperating with new / improved knowledge partnerships	Enterprises		
1	O	1.2	Number of improved or new innovation support measures launched for businesses	Measures		
1	O	1.3	Number of improved or new innovation support measures launched for public service delivery	Measures		
2	F	P1.1	Total eligible expenditure incurred by beneficiaries and entered in the accounting system of the Certifying Authority	EUR (ERDF + co-financing)		
2	I	P 1.2	Number of applications received and assessed	Applications	16.00	0.00
2	O	2.1	Number of green products, services and processes piloted and/or adopted by the project	Green products, services or processes developed		
3	F	P1.1	Total eligible expenditure incurred by beneficiaries and entered in the accounting system of the Certifying Authority	EUR (ERDF + co-financing)		
3	I	P 1.2	Number of applications received and assessed	Applications	20.00	0.00
3	O	3.1	Number of new and/or improved climate change adaptation methods demonstrated	Climate change adaptation solutions		
3	O	3.2	Number of sites managed using new solutions supporting long-term sustainability	Sites		
4	F	P1.1	Total eligible expenditure incurred by beneficiaries and entered in the accounting system of the Certifying Authority	EUR (ERDF + co-financing)		
4	I	P 1.2	Number of applications received and assessed	Applications	15.00	0.00
4	O	4.1	Number of new and/or improved green transport solutions adopted	Green transport solutions		

### 3.4. Financial data

**Table 4: Financial information at priority axis and programme level**

As set out in Table 1 of Annex II to Commission Implementing Regulation (EU) No 1011/2014 (Model for transmission of financial data) and table 16 of model for cooperation programmes under the European territorial cooperation goal

Priority axis	Fund	Calculation basis	Total funding	Co-financing rate	Total eligible cost of operations selected for support	Proportion of the total allocation covered with selected operations	Public eligible cost of operations selected for support	Total eligible expenditure declared by beneficiaries to the managing authority	Proportion of the total allocation covered by eligible expenditure declared by beneficiaries	Number of operations selected
1	ERDF	Total	89,387,570.00	50.00	93,345,806.00	104.43%	82,178,912.00	56,550,668.00	63.26%	22
2	ERDF	Total	84,697,410.00	50.00	95,770,898.00	113.07%	78,900,776.00	50,328,014.00	59.42%	19
3	ERDF	Total	88,042,490.00	50.00	93,821,130.00	106.56%	86,761,432.00	68,958,606.00	78.32%	18
4	ERDF	Total	52,309,996.00	50.00	59,793,702.00	114.31%	51,428,415.00	29,649,230.00	56.68%	14
5	ERDF	Public	14,336,054.00	70.00	14,336,054.00	100.00%	14,336,054.00	9,039,578.00	63.05%	1
<b>Total</b>	<b>ERDF</b>		<b>328,773,520.00</b>	<b>50.87</b>	<b>357,067,590.00</b>	<b>108.61%</b>	<b>313,605,589.00</b>	<b>214,526,096.00</b>	<b>65.25%</b>	<b>74</b>
<b>Grand total</b>			<b>328,773,520.00</b>	<b>50.87</b>	<b>357,067,590.00</b>	<b>108.61%</b>	<b>313,605,589.00</b>	<b>214,526,096.00</b>	<b>65.25%</b>	<b>74</b>

**Where applicable, the use of any contribution from third countries participating in the cooperation programme should be provided (for example IPA and ENI, Norway, Switzerland)**

This item is not applicable for the North Sea Region Programme.

**Table 6: Cumulative cost of all or part of an operation implemented outside the Union part of the programme area**

1. Operation (2)	2. The amount of ERDF support(1) envisaged to be used for all or part of an operation implemented outside the Union part of the programme area based on selected operations	3. Share of the total financial allocation to all or part of an operation located outside the Union part of the programme area (%) (column 2/total amount allocated to the support from the ERDF at programme level *100)	4. Eligible expenditure of ERDF support incurred in all or part of an operation implemented outside the Union part of the programme area declared by the beneficiary to the managing authority	5. Share of the total financial allocation to all or part of an operation located outside the Union part of the programme area (%) (column 4/total amount allocated to the support from the ERDF at programme level *100)
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(1) ERDF support is the Commission decision on the respective cooperation programme.

(2) In accordance with and subject to ceilings set out Article 20 of Regulation (EU) No 1299/2013.

#### 4. SYNTHESIS OF THE EVALUATIONS

Work on the programme's evaluation plan began in 2015 with initial discussions with the Monitoring Committee after the Programme was adopted. The final approval of the Programme's evaluation plan was issued in 2016. The evaluation plan consists of three parts:

- (i) the review of the two-step application process;
- (ii) operational evaluation – efficiency and effectiveness of communications and management structures and (ii) operational evaluation – efficiency and effectiveness of programme implementation / delivery and
- (iii) impact evaluation.

The first part of the evaluation - the review of the two-step application process - was completed in 2017. This information was conveyed in 2018 Annual Implementation Report. The second and third parts of the evaluation were completed in November 2020. This information was conveyed in last year's Annual Implementation Report.

Name	Fund	From month	From year	To month	To year	Type of evaluation	Thematic objective	Topic	Findings
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## 5. ISSUES AFFECTING THE PERFORMANCE OF THE PROGRAMME AND MEASURES TAKEN

### (a) Issues which affect the performance of the programme and the measures taken

#### Spending targets and programme performance

So far, all spending targets on programme level have been reached and exceeded. There are, in other words, no indications of a N+3 problem in the foreseeable future. Despite the Corona situation there are no indications that projects will get in serious difficulties because of the Corona situation. A main reason for this is that several steps allowing projects to adjust plans and make minor changes were put in place in 2020 and 2021 to ensure the continuous delivery of the approved projects.

The Corona virus situation, however, delayed the implementation of most projects and a significant proportion – more than 50% – of projects will be completing their activities in 2023, which is much later than originally anticipated. This will put the secretariat under significant pressure in the winding up phase and may impact negatively on the speed at which the new Interreg VIB programme will be implemented. It is, however, still early days for making precise predictions of the impact and all measures will be made to ensure a smooth transition between the two programming periods.

#### 2nd level control findings

In previous programming periods the North Sea Region Programme was subject to error rates exceeding the 2% materiality threshold. In some cases, this led to interruptions of payments from the European Commission, which in turn led to significant delays in the delivery of the projects.

In the programme preparation phase significant efforts were made to avoid such a situation in the future. These measures have covered a broad palate of initiatives, all of which have been described in previous Annual Reports. To a large extent the measures taken have worked, and in general the error rates have been significantly lower than in previous programming periods. In 2019 two errors were detected by the 2nd level control, leading to a Residual Total Error Rate (RTER) of 2,47%. The two findings were not connected and took place in two different Member States. Whilst the 2nd level control findings did not exceed the 2% threshold in 2020 – the RTER was 0,32% – a situation like the one in 2019, where only two findings brought the error rate above the threshold, could occur again and avoiding irregularities remain a top priority for the programme.

**(b) OPTIONAL FOR LIGHT REPORTS, otherwise it will be included in point 9.1. An assessment of whether progress made towards targets is sufficient to ensure their fulfilment, indicating any remedial actions taken or planned, where appropriate.**

See previous section 5. ISSUES AFFECTING THE PERFORMANCE OF THE PROGRAMME AND MEASURES TAKEN (a) Issues which affect the performance of the programme and the measures taken.

## **6. CITIZEN'S SUMMARY (ARTICLE 50(9) OF REGULATION (EU) NO 1303/2013)**

A citizen's summary of the contents of the annual and the final implementation reports shall be made public and uploaded as a separate file in the form of annex to the annual and the final implementation report

You can upload/find the Citizen's summary under General > Documents

**7. REPORT ON THE IMPLEMENTATION OF FINANCIAL INSTRUMENTS (ARTICLE 46 OF REGULATION (EU) No 1303/2013)**

**8. PROGRESS IN PREPARATION AND IMPLEMENTATION OF MAJOR PROJECTS AND JOINT ACTION PLANS (ARTICLE 101(H) AND ARTICLE 111(3) OF REGULATION (EU) NO 1303/2013 AND ARTICLE 14(3)(B) OF REGULATION (EU) NO 1299/2013)**

**8.1. Major projects**

**Table 7: Major projects**

Project	CCI	Status of MP	Total investments	Total eligible costs	Planned notification/submission date	Date of tacit agreement/ approval by Commission	Planned start of implementation	Planned completion date	Priority Axis/ Investment priorities	Current state of realisation — financial progress (% of expenditure certified to Commission compared to total eligible cost)	Current state of realisation — physical progress Main implementation stage of the project	Main outputs	Date of signature of first works contract (1)	Observations
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(1) In the case of operations implemented under PPP structures the signing of the PPP contract between the public body and the private sector body (Article 102(3) of Regulation (EU) No 1303/2013).

**Significant problems encountered in implementing major projects and measures taken to overcome them**

This item is not applicable for the North Sea Region Programme.

**Any change planned in the list of major projects in the cooperation programme**

This item is not applicable for the North Sea Region Programme.

## 8.2. Joint action plans

Progress in the implementation of different stages of joint action plans

This item is not applicable for the North Sea Region Programme.

**Table 8: Joint action plans (JAP)**

Title of the JAP	CCI	Stage of implementation of JAP	Total eligible costs	Total public support	OP contribution to JAP	Priority axis	Type of JAP	[Planned] submission to the Commission	[Planned] start of implementation	[Planned] completion	Main outputs and results	Total eligible expenditure certified to the Commission	Observations
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**Significant problems encountered and measures taken to overcome them**

This item is not applicable for the North Sea Region Programme.



**9. ASSESSMENT OF THE IMPLEMENTATION OF THE COOPERATION PROGRAMME (ARTICLE 50(4) OF REGULATION (EU) NO 1303/2013 AND ARTICLE 14(4) OF REGULATION (EU) NO 1299/2013)**

**9.1 Information in Part A and achieving the objectives of the programme (Article 50(4) of Regulation (EU) No 1303/2013)**

Priority axis	1 - Thinking Growth: Supporting growth in North Sea Region economies
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Priority axis	2 - Eco-innovation: Stimulating the green economy
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Priority axis	3 - Sustainable North Sea Region: Protecting against climate change and preserving the environment
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Priority axis	4 - Promoting green transport and mobility
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Priority axis	5 - Technical Assistance
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**9.2. Specific actions taken to promote equality between men and women and to promote non-discrimination, in particular accessibility for persons with disabilities, and the arrangements implemented to ensure the integration of the gender perspective in the cooperation programme and operations (Article 50(4) of Regulation (EU) No 1303/2013 and Article 14(4), subparagraph 2, (d) of Regulation (EU) No 1299/2013)**

An assessment of the implementation of specific actions to take into account the principles set out in Article 7 of Regulation (EU) No 1303/2013 on promotion of equality between men and women and non-discrimination, including, where relevant, depending on the content and objectives of the cooperation programme, an overview of specific actions taken to promote equality between men and women and to promote non-discrimination, including accessibility for persons with disabilities, and the arrangements implemented to ensure the integration of the gender perspective in the cooperation programme and operations

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**9.3.Sustainable development (Article 50(4) of Regulation (EU) No 1303/2013 and Article 14(4), subparagraph 2, (e) of Regulation (EU) No 1299/2013)**

An assessment of the implementation of actions to take into account the principles set out in Article 8 of Regulation (EU) No 1303/2013 on sustainable development, including, where relevant, depending on the content and objectives of the cooperation programme, an overview of the actions taken to promote sustainable development in accordance with that Article

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**9.4. Reporting on support used for climate change objectives (Article 50(4) of Regulation (EU) No 1303/2013)**

Calculated amount of support to be used for climate change objectives based on the cumulative financial data by category of intervention in Table 7

<b>Priority axis</b>	<b>Amount of support to be used for climate change objectives (EUR)</b>	<b>Proportion of total allocation to the operational programme (%)</b>
2	39,158,750.50	92.47%
3	31,566,375.00	71.71%
4	11,958,740.40	45.72%
<b>Total</b>	<b>82,683,865.90</b>	<b>49.44%</b>

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**9.5 Role of partners in the implementation of the cooperation programme (Article 50(4) of Regulation (EU) No 1303/2013 and Article 14(4), subparagraph 1, (c) of Regulation (EU) No 1299/2013)**

Assessment of the implementation of actions to take into account the role of partners referred to in Article 5 of Regulation (EU) No 1303/2013, including involvement of the partners in the implementation, monitoring and evaluation of the cooperation programme

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**10. OBLIGATORY INFORMATION AND ASSESSMENT ACCORDING TO ARTICLE 14(4), SUBPARAGRAPH 1 (A) AND (B), OF REGULATION (EU) No 1299/2013**

**10.1 Progress in implementation of the evaluation plan and the follow-up given to the findings of evaluations**

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Status	Name	Fund	Year of finalizing evaluation	Type of evaluation	Thematic objective	Topic	Findings (in case of execution)	Follow up (in case of execution)
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**10.2 The results of the information and publicity measures of the Funds carried out under the communication strategy**

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**11. ADDITIONAL INFORMATION WHICH MAY BE ADDED DEPENDING ON THE CONTENT AND OBJECTIVES OF THE COOPERATION PROGRAMME (ARTICLE 14(4), SUBPARAGRAPH 2 (A), (B), (C) AND (F), OF REGULATION (EU) No 1299/2013)**

**11.1. Progress in the implementation of the integrated approach to territorial development, including integrated territorial investments, sustainable urban development, and community led local development under the cooperation programme**

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**11.2 Progress in implementation of actions to reinforce the capacity of authorities and beneficiaries to administer and to use the ERDF**

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### 11.3 Contribution to macro-regional and sea basin strategies (where appropriate)

As stipulated by the Regulation (EU) No 1299/2013, recital 19, article 8(3)(d) on the "Content, adoption and amendment of cooperation programmes" and article 14(4) 2nd subparagraph (c) "Implementation reports", this programme contributes to MRS(s) and/or SBS:

As outlined in the Cooperation Programme it still seems unlikely that there will be a comprehensive North Sea Strategy. Attempts to coordinate policy developments and stakeholders around the North Sea have been ongoing, but the debate about a North Sea Strategy peaked in 2015.

The CPMR North Sea Commission's Final Declaration was adopted by the CPMR North Sea Commission Annual Business Meeting on 23 November 2021. The main declaration emphasised the importance of the government of Norway to maintain a substantial budget for co-financing of Norwegian partners in the new Interreg North Sea programme and that the UK government to be open for similar arrangements so that UK partners can – possibly - benefit from the cooperation.

The North Sea countries, in the frame of the North Seas Energy Cooperation (NSEC), which supports and facilitates the development of the offshore grid development and the large renewable energy potential in the region, signed a renewed Political Declaration on 2 December 2021. The Political Declaration is underlining the importance of reaching net-zero greenhouse gas emission by 2050 in the EU.

In the North Sea, an artificial island is under construction as the Danish government intends to convert low-carbon electricity from the energy islands to green hydrogen which could be further processed into fuels. The artificial island will be able to provide a minimum of 2 GW offshore wind connected by 2030 to Denmark and the Netherlands, with a long term capacity reaching 10 GW offshore wind.

*Please note for the following box section 'where to indicate which relevant macroregional / sea-basin strategy our programme belongs to'; is not applicable for the North Sea Region Programme.*

- EU Strategy for the Baltic Sea Region (EUSBSR)
- EU Strategy for the Danube Region (EUSDR)
- EU Strategy for the Adriatic and Ionian Region (EUSAIR)
- EU Strategy for the Alpine Region (EUSALP)
- Atlantic Sea Basin Strategy (ATLSBS)

## **11.4 Progress in the implementation of actions in the field of social innovation**

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**13. SMART, SUSTAINABLE AND INCLUSIVE GROWTH**

Information and assessment of the programme contribution to achieving the Union strategy for smart, sustainable and inclusive growth.

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**14. ISSUES AFFECTING THE PERFORMANCE OF THE PROGRAMME AND MEASURES TAKEN  
— PERFORMANCE FRAMEWORK (ARTICLE 50(2) OF REGULATION (EU) No 1303/2013)**

Where the assessment of progress made with regard to the milestones and targets set out in the performance framework demonstrates that certain milestones and targets have not been achieved, Member States should outline the underlying reasons for failure to achieve these milestones in the report of 2019 (for milestones) and in the final implementation report (for targets).

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## DOCUMENTS

Document title	Document type	Document date	Local reference	Commission reference	Files	Sent date	Sent By
Annex to the Annual Report 2021 FINAL VERSION	Citizens' summary	30-May-2022	NSRP	Ares(2022)4038276	Annex to the Annual Report 2021 FINAL VERSION	31-May-2022	nhanseng
Citizens' summary	Citizens' summary	30-May-2022	NSRP	Ares(2022)4038276	Citizens' summary	31-May-2022	nhanseng



















Severity	Code	Message
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 144.79% of the annual total value entered for "S" (forecast from selected) for priority axis: 4, investment priority: 7c, indicator: 0.1, year: 2021. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 148.36% of the annual total value entered for "S" (forecast from selected) for priority axis: 4, investment priority: 7c, indicator: CO42, year: 2021. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 156.09% of the annual total value entered for "S" (forecast from selected) for priority axis: 1, investment priority: 1b, indicator: CO42, year: 2020. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 156.52% of the annual total value entered for "S" (forecast from selected) for priority axis: 3, investment priority: 5a, indicator: CO42, year: 2019. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 169.28% of the annual total value entered for "S" (forecast from selected) for priority axis: 3, investment priority: 6d, indicator: 0.2, year: 2021. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 175.74% of the annual total value entered for "S" (forecast from selected) for priority axis: 1, investment priority: 1b, indicator: CO42, year: 2021. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 181.77% of the annual total value entered for "S" (forecast from selected) for priority axis: 2, investment priority: 6g, indicator: 0.2, year: 2021. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 189.87% of the annual total value entered for "S" (forecast from selected) for priority axis: 3, investment priority: 5a, indicator: CO42, year: 2021. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 192.50% of the annual total value entered for "S" (forecast from selected) for priority axis: 3, investment priority: 6d, indicator: CO42, year: 2020. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 194.92% of the annual total value entered for "S" (forecast from selected) for priority axis: 2, investment priority: 6g, indicator: CO42, year: 2021. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 208.70% of the annual total value entered for "S" (forecast from selected) for priority axis: 3, investment priority: 5a, indicator: CO42, year: 2020. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 252.18% of the annual total value entered for "S" (forecast from selected) for priority axis: 4, investment priority: 7c, indicator: 0.2, year: 2021. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 265.64% of the annual total value entered for "S" (forecast from selected) for priority axis: 2, investment priority: 6g, indicator: 2.1, year: 2021. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 5,041.59% of the annual total value entered for "S" (forecast from selected) for priority axis: 4, investment priority: 7c, indicator: CO42, year: 2020. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 755.46% of the annual total value entered for "S" (forecast from selected) for priority axis: 1, investment priority: 1b, indicator: 0.2, year: 2019. Please check.