

**Annual implementation report for the Investment for growth and jobs goal
PART A**

IDENTIFICATION OF THE ANNUAL IMPLEMENTATION REPORT

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2. OVERVIEW OF THE IMPLEMENTATION OF THE OPERATIONAL PROGRAMME (ARTICLE 50(2) AND 111(3)(A) OF REGULATION (EU) NO 1303/2013)

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

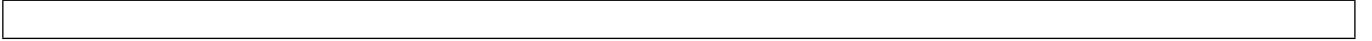
The Southern Regional Assembly has been designated by the Government to be the Managing Authority for the Southern & Eastern Regional Operational Programme (ROP) 2014-2020 and is responsible for its preparation and delivery, in accordance with the Common Provisions Regulation. The development of the S&E Regional Operational Programme 2014-2020 involved numerous consultations with relevant stakeholders, from April 2013, which allowed for the drafting of the ROP with the final version submitted to the European Commission on 5th December 2014. The S&E Regional Operational Programme 2014-2020 was adopted by the European Commission on 15th December 2014.

The designation process for the 2014-2020 period is a member state responsibility. The responsible Government Department, the Department of Public Expenditure and Reform, is required to designate the Managing Authority, Certifying Authority and Audit Authority for each Operational Programme. The Southern Regional Assembly was designated as the Managing Authority for the Southern and Eastern Regional Operations Programme on 2nd June 2017, this being a formal acknowledgement of the existing situation and a regulatory requirement under the CPR 1303/2013.

This is the third Annual Implementation Report for the Southern & Eastern Regional Operational Programme (ROP) for 2014-2020. It reports on the progress achieved under the ROP for the year 2017. Expenditure under the ROP was eligible from 1st January 2014. Good progress has been made in the implementation of all the Investment Priorities included in the ROP. Most schemes have reported expenditure in 2017 and output indicator achievements range up to 100% for individual output indicators. By the end of 2017, the total public eligible cost paid to beneficiaries (EUR) across all priorities was €285m. The total eligible expenditure declared by beneficiaries to the managing authority was €26m.

Two schemes, the National Broadband Plan (Investment Priority 2a) and the Marine Research Programme (Investment Priority 1a) have not reported any actual achievements to date. The National Broadband Plan is making progress, but no expenditure has been reported to the end of 2017 because the procurement process is still ongoing. Procurement is due for completion in 2018. The Department of Communications, Climate Action and Environment has re-confirmed in August 2018 that the target output indicators remain on track for achievement. While no projects were approved under the Marine Research Programme up to the end of 2017, the Marine Institute launched the first in a series of calls for proposals in June 2018 and is on track to meet the targets agreed.

For a description of the activities implemented in 2017 for each priority axis, see section 3.1. The S&E ROP does not include any financial instruments. All ex-ante conditionalities were fulfilled upon the adoption of the ROP. Therefore, no actions were required to be taken during programme implementation. Work on development of the e-Cohesion IT System has been progressing in 2017, led by the Member State through the Department of Public Expenditure and Reform and with continuous engagement from the Managing Authority as well as input from the Intermediate Bodies, when required. The system goes live in 2018.



3. IMPLEMENTATION OF THE PRIORITY AXIS (ARTICLE 50(2) OF REGULATION (EU) NO 1303/2013)

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	Strengthening RTDI in the S&E Region	<p>The overall objectives of this Priority are to increase the level of research taking place in the S&E region with company engagement by supplying applied research and to increase the level of commercialisation of research by the higher education institutions in the region. This priority seeks to enhance research and innovation (R&I) infrastructure and to build the capacities to develop R&I excellence while promoting centres of competence. It also has a focus on promoting business investment in R&I through developing links and synergies between enterprises, research and development centres and the higher education sector. The priority has been aligned with Ireland's identified priority research areas as set out in the Smart Specialisation Strategy (RIS3). The priority comprises 2 investment priorities (1a & 1b) and includes 5 individual schemes around research centres, innovation, commercialisation of research and marine research. Cumulative public eligible cost paid to beneficiaries to end December 2017 is reported as €69m. With the exception of one scheme included in investment priority 1a (Marine Research), all schemes included in Priority 1 are progressing in accordance with agreed targets. Overall, achievements are in line with targets and expenditure has been incurred in accordance with the profile. While no projects were approved under the Marine Research Programme up to the end of 2017, a revised proposal was submitted by the Marine Institute in December 2017 and this is currently under consideration.</p>
2	Information and Communication Technologies	<p>The intervention that will be supported under this Priority is a targeted State led investment providing broadband infrastructure in those areas that will not be covered by the commercial sector. This will facilitate the widespread availability of reliable and guaranteed high speed broadband which is a key component in delivering the objectives of the National Broadband Plan and the National Digital Strategy.</p> <p>The National Broadband Plan reflects Government objectives to deliver new opportunities for jobs, growth and social inclusion. Furthermore, it aims to underpin and support wider public policy objectives and initiatives both nationally and within the European context. In 2016, the Intermediate Body commenced a detailed dialogue with qualifying bidders in relation to technical, commercial and governance matters. The procurement process, based on competitive dialogue, for this project is well underway and was ongoing at the end of 2017. The procurement process is due for completion in 2018.</p>
3	SME Support, promotion and capability development	<p>The Entrepreneurship in Micro enterprise scheme is delivered through the 18 Local Enterprise Offices (LEOs) located in the Southern and Eastern region. The focus of the intervention is to increase the rates of business start-up and expansion, and enhance management capability, competitiveness, innovation, technological adaptation, and the export-orientation of microenterprises. The specific objective of this priority is to increase employment levels in micro-enterprises in this region by supporting business start-ups, business expansion and higher innovation levels in micro-enterprises.</p> <p>This investment priority will support innovative and growth-oriented SME start-ups and expansions through the provision of business information, advisory services, capacity building, mentoring and financial supports. Some major</p>

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
		developments of the scheme in 2017 include the delivery of the fourth “Ireland’s Best Young Entrepreneur” Competition (IBYE), the introduction of a LEO Innovation and Investment fund, the launch of a new Brexit Scorecard and the expansion of the LEO Lean for Micro following successful pilots in 2016. Cumulative public eligible cost paid to beneficiaries to end December 2017 is reported as €32 million. Actual achievements were reported against all agreed output indicators in accordance with agreed targets. Overall, implementation of the Entrepreneurship in Microenterprise scheme is well advanced. Achievements are in line with targets and expenditure has been incurred in accordance with the profile. All selected projects have been fully implemented.
4	Low Carbon Economy	<p>The overall objective of the Priority is to support the shift towards a low-carbon economy in all sectors in the S&E region. Specific objectives include improving energy efficiency in the housing stock by focusing on supporting energy efficiency, smart energy management and renewable energy use in public infrastructures, including in public buildings, and in the housing sector. Overall, implementation is well advanced, with the exception of the apartment scheme which is due to commence in 2018 through a number of pilot projects. Achievements are in line with targets and expenditure has been incurred in accordance with the profile. Cumulative public eligible cost paid to beneficiaries is reported as €179 million at the end of 2017. The target value of the main output indicator (No. of Households with improved energy consumption classification) has been achieved in 2017. The priority comprises 2 initiatives that are managed by different Intermediate Bodies:</p> <ol style="list-style-type: none"> 1. Social Housing Retrofit <ul style="list-style-type: none"> Scheme 1 – Apartments Scheme 2 – Local Authority Houses <ul style="list-style-type: none"> Measure 1: Insulation Retrofitting Programme. Measure 2: Retrofitting of Vacant Social Housing Stock. 2. Better Energy Warmer Homes Scheme
5	Sustainable Development Urban	<p>Under this theme, local authorities for the designated growth centres in the Southern and Eastern region were invited to submit projects which fit with their integrated strategies to tackle the social, economic, environmental, climate and demographic challenges affecting the urban centres, in accordance with Article 7 of the ERDF Regulation (EU) 1301/2013, and which support the overall development strategy for the urban area concerned. These Local Authorities are: Dublin City Council, Dun Laoghaire Rathdown County Council, Fingal County Council, South Dublin County Council, Limerick City & County Council, Clare County Council, Kerry County Council, Kilkenny County Council, Waterford City & County Council, Cork City and County Councils.</p> <p>Following submission of project applications by the Local Authorities, 9 projects were selected by the designated Steering Committee for the scheme in early 2016 with a total ERDF allocation of €26m.</p> <p>During 2017 it became apparent to the MA that progress on several projects was not as expected and MA staff met with all Local Authorities to ascertain the cause of these delays. In most cases the reason for the delays was planning or</p>

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>procurement related but several Authorities had initiated discussions with the MA with a view to withdrawal of their initial project for which they had been awarded funding and replacing with a different project.</p> <p>The MA will continue these discussions into early 2018 with a view to getting replacements projects submitted for the Steering Committee to examine.</p>
6	Technical Assistance	<p>During 2017 the SRA, as MA for the ROP, has continued to be engaged in detailed liaison with the various Intermediary Bodies and the Department of Public Expenditure on the design of the architecture surrounding the various schema contained within the ROP and on getting the required IT system in place. Some teething issues surrounding the IT development and testing processes, overseen by the Department of Public Expenditure and Reform, have caused some delays but it is expected that these will be overcome early in 2018 with a functioning system in place by the end of Q1 2018.</p> <p>Throughout 2017, the Regional Assembly has engaged in various communications activities including the required major event. This event took the form of site visits to a number of Research Centres co-funded under the Research Centres Scheme in mid-2017 by Regional Assembly members and staff. Regional Assembly staff also gave presentations to a selection of outside bodies on ERDF related activities.</p>

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

Priority axes other than technical assistance

Priority axis	1 - Strengthening RTDI in the S&E Region
Investment Priority	1a - Enhancing research and innovation (R&I) infrastructure and capacities to develop R&I excellence, and promoting centres of competence, in particular those of European interest

Table 3A: Common and programme specific output indicators for the ERDF and the Cohesion Fund (by priority axis, investment priority, broken down by category of region for the ERDF) - 1 / 1a

(1)	ID	Indicator	Measurement unit	Category of region	Target value (2023) total	Target value (2023) men	Target value (2023) women	2017 Total	2017 Men	2017 Women	Observations
F	CO24	Research, innovation: Number of new researchers in supported entities	Full time equivalents	More developed	689.00			647.00			Operations selected have been fully implemented by the end of 2017.
S	CO24	Research, innovation: Number of new researchers in supported entities	Full time equivalents	More developed	689.00			647.00			Operations selected have been fully implemented by the end of 2017.
F	1.1	Number of Awards under the Spokes Programme in the S&E Region	Number of Awards	More developed	25.00			16.00			The Managing Authority is confident that the IB has in place the necessary measures to ensure that the final targets are met, as demonstrated through the strong performance to date of 76% of final target reported to end December 2017.
S	1.1	Number of Awards under the Spokes Programme in the S&E Region	Number of Awards	More developed	25.00			16.00			The Managing Authority is confident that the IB has in place the necessary measures to ensure that the final targets are met, as demonstrated through the strong performance to date of 76% of final target reported to end December 2017.
F	1.2	Number of marine research PhDs and Post-Doctoral researchers funded	Number of Researchers	More developed	21.00			0.00			While implementation of the scheme (Marine Research Programme) to which this indicator refers had not commenced in 2017 there has been ongoing liaison between the MA and the Marine Institute over the period 2015-2017 with a view to the development of a suitable Scheme to meet the Priority 1 objectives. The results of this process have seen the approval, by both Programme Monitoring Committees at their respective meetings in May 2018, of the Implementation Plan for the Marine Research Programme followed by the launch of an Industry led Call for Proposals in June 2018. This will be followed by calls for Post-Doctoral Fellowships and Capacity-Building Research Projects in H2 2018, and for Capacity-Building Research Projects and Networking & Technology Transfer in 2020. The Managing Authority is confident that these measures will ensure that the targets are met.
S	1.2	Number of marine research PhDs and Post-Doctoral researchers funded	Number of Researchers	More developed	21.00			0.00			While implementation of the scheme (Marine Research Programme) to which this indicator refers had not commenced in 2017 there has been ongoing liaison between the MA and the Marine Institute over the period 2015-2017 with a view to the development of a suitable Scheme to meet the Priority 1 objectives. The results of this process have seen the approval, by both Programme Monitoring Committees at their respective meetings in May 2018, of the Implementation Plan for the Marine Research Programme followed by the launch of an Industry led Call for Proposals in June 2018. This will be followed by calls for Post-Doctoral Fellowships and Capacity-Building Research Projects in

(1)	ID	Indicator	Measurement unit	Category of region	Target value (2023) total	Target value (2023) men	Target value (2023) women	2017 Total	2017 Men	2017 Women	Observations
											H2 2018, and for Capacity-Building Research Projects and Networking & Technology Transfer in 2020. The Managing Authority is confident that these measures will ensure that the targets are met.

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

(1)	ID	Indicator	2016 Total	2016 Men	2016 Women	2015 Total	2015 Men	2015 Women	2014 Total	2014 Men	2014 Women
F	CO24	Research, innovation: Number of new researchers in supported entities	384.00			174.00			0.00		
S	CO24	Research, innovation: Number of new researchers in supported entities	384.00			174.00			0.00		
F	1.1	Number of Awards under the Spokes Programme in the S&E Region	9.00			0.00			0.00		
S	1.1	Number of Awards under the Spokes Programme in the S&E Region	9.00			10.00			0.00		
F	1.2	Number of marine research PhDs and Post-Doctoral researchers funded	0.00			0.00			0.00		
S	1.2	Number of marine research PhDs and Post-Doctoral researchers funded	0.00			0.00			0.00		

Priority axis	1 - Strengthening RTDI in the S&E Region
Investment Priority	1a - Enhancing research and innovation (R&I) infrastructure and capacities to develop R&I excellence, and promoting centres of competence, in particular those of European interest
Specific objective	1a - To increase the level of research taking place in the S&E region with Company engagement by supplying applied research.

Table 1: Result indicators for the ERDF and the Cohesion Fund (by priority axis and specific objective); applies also to Technical Assistance priority axis

ID	Indicator	Measurement unit	Category of region	Baseline value	Baseline year	Target value 2023	2017 Total	2017 Qualitative	Observations
1a.1	Number of industry partners engaged with funded strategic research centres in the S&E region.	Number of enterprises	More developed	529.00	2014	713.00	698.00		

ID	Indicator	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
1a.1	Number of industry partners engaged with funded strategic research centres in the S&E region.	663.00		570.00		529.00	

Priority axis	1 - Strengthening RTDI in the S&E Region
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 3A: Common and programme specific output indicators for the ERDF and the Cohesion Fund (by priority axis, investment priority, broken down by category of region for the ERDF) - 1 / 1b

(1)	ID	Indicator	Measurement unit	Category of region	Target value (2023) total	Target value (2023) men	Target value (2023) women	2017 Total	2017 Men	2017 Women	Observations
F	CO01	Productive investment: Number of enterprises receiving support	Enterprises	More developed	143.00			53.00			Completed projects on which final payment was made.
S	CO01	Productive investment: Number of enterprises receiving support	Enterprises	More developed	143.00			217.00			Operations selected for which first payments have been made to the beneficiary.
F	CO04	Productive investment: Number of enterprises receiving non-financial support	Enterprises	More developed	143.00			53.00			Completed projects on which final payment was made.
S	CO04	Productive investment: Number of enterprises receiving non-financial support	Enterprises	More developed	143.00			217.00			Operations selected for which first payments have been made to the beneficiary.
F	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	Enterprises	More developed	143.00			53.00			Completed projects on which final payment was made.
S	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	Enterprises	More developed	143.00			217.00			Operations selected for which first payments have been made to the beneficiary.
F	1.3	Number of commercialisation fund awards	Number of Awards	More developed	325.00			131.00			The Managing Authority is confident that the success enjoyed to date (40% of final target attained to end December 2017) and the continuous strong management of the scheme will ensure that the targets are met. As a part of the IB's ongoing promotional activity for the Commercialisation Fund, they will host the Big Ideas event on 5th September 2018 in the Guinness Storehouse. This is a half-day showcase of the investor-ready start-up companies arising from the Commercialisation Fund projects funded. http://www.bigideas.ie/Agenda/ Arising from 3 review exercises carried out in early 2018 (CF Community of Founders Forum; Targeted CF Calls; R&I Communications Strategy), a female-only Call for Proposals is under consideration with a view to increasing the number of female applicants.
S	1.3	Number of commercialisation fund awards	Number of Awards	More developed	325.00			131.00			The Managing Authority is confident that the success enjoyed to date (40% of final target attained to end December 2017) and the continuous strong management of the scheme will ensure that the targets are met. As a part of the IB's ongoing promotional activity for the Commercialisation Fund, they

(1)	ID	Indicator	Measurement unit	Category of region	Target value (2023) total	Target value (2023) men	Target value (2023) women	2017 Total	2017 Men	2017 Women	Observations
											will host the Big Ideas event on 5th September 2018 in the Guinness Storehouse. This is a half-day showcase of the investor-ready start-up companies arising from the Commercialisation Fund projects funded. http://www.bigideas.ie/Agenda/ Arising from 3 review exercises carried out in early 2018 (CF Community of Founders Forum; Targeted CF Calls; R&I Communications Strategy), a female-only Call for Proposals is under consideration with a view to increasing the number of female applicants.

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

(1)	ID	Indicator	2016 Total	2016 Men	2016 Women	2015 Total	2015 Men	2015 Women	2014 Total	2014 Men	2014 Women
F	CO01	Productive investment: Number of enterprises receiving support	13.00			13.00			10.00		
S	CO01	Productive investment: Number of enterprises receiving support	159.00			109.00			56.00		
F	CO04	Productive investment: Number of enterprises receiving non-financial support	13.00			13.00			10.00		
S	CO04	Productive investment: Number of enterprises receiving non-financial support	159.00			109.00			56.00		
F	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	13.00			13.00			10.00		
S	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	159.00			109.00			56.00		
F	1.3	Number of commercialisation fund awards	84.00			46.00			0.00		
S	1.3	Number of commercialisation fund awards	84.00			46.00			0.00		

Priority axis	1 - Strengthening RTDI in the S&E Region
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	1b - To increase the level of commercialisation of research by the higher education institutions in the S&E Region

Table 1: Result indicators for the ERDF and the Cohesion Fund (by priority axis and specific objective); applies also to Technical Assistance priority axis

ID	Indicator	Measurement unit	Category of region	Baseline value	Baseline year	Target value 2023	2017 Total	2017 Qualitative	Observations
1b.1	Annual Number of Licenses as a result of research in S&E Region	Number of Licenses	More developed	24.00	2013	25.00	30.00		This indicator comprises two schemes: Commercialisation Fund and Innovation Partnerships. Numbers previously reported for 2014 and 2015 had shown the total number of licences arising from the 2 schemes and from other funding programmes because a detailed breakdown of the source of projects giving rise to the licence was not available from the institutions at the time. For 2016 and 2017, only licences signed by research institutions located in the S&E region for the 2 schemes were included.

ID	Indicator	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
1b.1	Annual Number of Licenses as a result of research in S&E Region	31.00		189.00		80.00	

Priority axis	2 - Information and Communication Technologies
Investment Priority	2a - Extending broadband deployment and the roll-out of high-speed networks and supporting the adoption of emerging technologies and networks for the digital economy

Table 3A: Common and programme specific output indicators for the ERDF and the Cohesion Fund (by priority axis, investment priority, broken down by category of region for the ERDF) - 2 / 2a

(1)	ID	Indicator	Measurement unit	Category of region	Target value (2023) total	Target value (2023) men	Target value (2023) women	2017 Total	2017 Men	2017 Women	Observations
F	CO10	ICT Infrastructure: Additional households with broadband access of at least 30 Mbps	Households	More developed	164,344.00			0.00			The project was in the procurement stage in 2017. The Department of Communications, Climate Action & Environment (DCCAE) is in a formal procurement process to select a company who will roll out a new high speed broadband network in the State intervention area. The procurement process is being progressed within procurement guidelines, to a best-practice standard, and is now in its final stages, with the anticipation that the remaining bidder will be invited to submit its final tender in September 2018. The Department has engaged in significant dialogue with the bidder and a decision will be published at the earliest opportunity following prompt evaluation of Final Tender. Further details are available in Section 10.1 of this report. The Department has also met directly with the Commission (July 2018) to advise on progress.
S	CO10	ICT Infrastructure: Additional households with broadband access of at least 30 Mbps	Households	More developed	164,344.00			0.00			The project was in the procurement stage in 2017. The Department of Communications, Climate Action & Environment (DCCAE) is in a formal procurement process to select a company who will roll out a new high speed broadband network in the State intervention area. The procurement process is being progressed within procurement guidelines, to a best-practice standard, and is now in its final stages, with the anticipation that the remaining bidder will be invited to submit its final tender in September 2018. The Department has engaged in significant dialogue with the bidder and a decision will be published at the earliest opportunity following prompt evaluation of Final Tender. Further details are available in Section 10.1 of this report. The Department has also met directly with the Commission (July 2018) to advise on progress.

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

(1)	ID	Indicator	2016 Total	2016 Men	2016 Women	2015 Total	2015 Men	2015 Women	2014 Total	2014 Men	2014 Women
F	CO10	ICT Infrastructure: Additional households with broadband access of at least 30 Mbps	0.00			0.00			0.00		
S	CO10	ICT Infrastructure: Additional households with broadband access of at least 30 Mbps	0.00			0.00			0.00		

Priority axis	2 - Information and Communication Technologies
Investment Priority	2a - Extending broadband deployment and the roll-out of high-speed networks and supporting the adoption of emerging technologies and networks for the digital economy
Specific objective	2a - To increase the provision of fibre optic links to all un-served settlements in the S&E Region

Table 1: Result indicators for the ERDF and the Cohesion Fund (by priority axis and specific objective); applies also to Technical Assistance priority axis

ID	Indicator	Measurement unit	Category of region	Baseline value	Baseline year	Target value 2023	2017 Total	2017 Qualitative	Observations
2a.2	Settlements with high-speed next generation broadband in the S&E Region	Number of Settlements	More developed	391.00	2014	933.00	391.00		The project was in the procurement stage in 2017. Implementation of the project has not commenced, yet.

ID	Indicator	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
2a.2	Settlements with high-speed next generation broadband in the S&E Region	391.00		391.00		391.00	

Priority axis	3 - SME Support, promotion and capability development
Investment Priority	3a - Promoting entrepreneurship, in particular by facilitating the economic exploitation of new ideas and fostering the creation of new firms, including through business incubators

Table 3A: Common and programme specific output indicators for the ERDF and the Cohesion Fund (by priority axis, investment priority, broken down by category of region for the ERDF) - 3 / 3a

(1)	ID	Indicator	Measurement unit	Category of region	Target value (2023) total	Target value (2023) men	Target value (2023) women	2017 Total	2017 Men	2017 Women	Observations
F	CO01	Productive investment: Number of enterprises receiving support	Enterprises	More developed	51,736.00			31,692.00			Operations selected have been fully implemented by the end of 2017.
S	CO01	Productive investment: Number of enterprises receiving support	Enterprises	More developed	51,736.00			31,692.00			Operations selected have been fully implemented by the end of 2017.
F	CO02	Productive investment: Number of enterprises receiving grants	Enterprises	More developed	1,804.00			2,181.00			Operations selected have been fully implemented by the end of 2017.
S	CO02	Productive investment: Number of enterprises receiving grants	Enterprises	More developed	1,804.00			2,181.00			Operations selected have been fully implemented by the end of 2017.
F	CO04	Productive investment: Number of enterprises receiving non-financial support	Enterprises	More developed	25,000.00			29,073.00			Operations selected have been fully implemented by the end of 2017.
S	CO04	Productive investment: Number of enterprises receiving non-financial support	Enterprises	More developed	25,000.00			29,073.00			Operations selected have been fully implemented by the end of 2017.
F	CO05	Productive investment: Number of new enterprises supported	Enterprises	More developed	2,398.00			1,040.00			By the end of 2017, 43% of the target has been achieved. The IB expects to achieve 60% of the target by the end of 2018. Enterprise Ireland has proposed a new scheme in 2018 to act as a stimulus to attract new entrepreneurial ventures in an economy of full employment. As part of the mid-term evaluation, Enterprise Ireland in association with the MA will re-evaluate the appropriateness of the target set at the commencement of the Operational Programme.
S	CO05	Productive investment: Number of new enterprises supported	Enterprises	More developed	2,398.00			1,040.00			By the end of 2017, 43% of the target has been achieved. The IB expects to achieve 60% of the target by the end of 2018. Enterprise Ireland has proposed a new scheme in 2018 to act as a stimulus to attract new entrepreneurial ventures in an economy of full employment. As part of the mid-term evaluation, Enterprise Ireland in association with the MA will re-evaluate the appropriateness of the target set at the commencement of the Operational Programme.

(1)	ID	Indicator	Measurement unit	Category of region	Target value (2023) total	Target value (2023) men	Target value (2023) women	2017 Total	2017 Men	2017 Women	Observations
F	CO06	Productive investment: Private investment matching public support to enterprises (grants)	EUR	More developed	13,649,599.00			10,928,611.00			Operations selected have been fully implemented by the end of 2017.
S	CO06	Productive investment: Private investment matching public support to enterprises (grants)	EUR	More developed	13,649,599.00			10,928,611.00			Operations selected have been fully implemented by the end of 2017.
F	CO08	Productive investment: Employment increase in supported enterprises	Full time equivalents	More developed	5,760.00			3,375.00			By the end of 2017, 58% of the target has been achieved; strong progress to date giving confidence that the final target will be met. Notes: Indicator description: this takes the employment on the very first grant obtained in the OP and takes the employment for the respective year away to get the increases. Only gains are shown. Operations selected have been fully implemented by the end of 2017.
S	CO08	Productive investment: Employment increase in supported enterprises	Full time equivalents	More developed	5,760.00			3,375.00			By the end of 2017, 58% of the target has been achieved; strong progress to date giving confidence that the final target will be met. Notes: Indicator description: this takes the employment on the very first grant obtained in the OP and takes the employment for the respective year away to get the increases. Only gains are shown. Operations selected have been fully implemented by the end of 2017.
F	3.1	Number of participants of enterprise training programmes	Number of participants	More developed	105,552.00			49,931.00			By the end of 2017, 47% of the target has been reached. Forecasts suggest that c. 60% of target will be achieved by end of 2018; strong progress to date giving confidence that the final target will be met. Notes: Enterprise Ireland (EI) is currently reporting on all distinct participants (a participant is only counted once i.e. participant attends 2 different training courses, participant is counted once). EI also records non-distinct figures (i.e. participant attends 2 different training courses, participant is counted twice) for EI annual reporting. In 2017 a figure of 68,089 was reported which is equivalent to 64% of the KPI target. As of August 2018 this figure now stands at 79,552, which is equivalent to 75% of the KPI target. All indicators will be evaluated during the Mid-Term Evaluation. Operations selected have been fully implemented by the end of 2017.
S	3.1	Number of participants of enterprise training programmes	Number of participants	More developed	105,552.00			49,931.00			By the end of 2017, 47% of the target has been reached. Forecasts suggest that c. 60% of target will be achieved by end of 2018; strong progress to date giving confidence that the final target will be met. Notes: Enterprise Ireland (EI) is currently reporting on all distinct participants (a participant is only counted once i.e. participant attends 2 different training courses, participant is counted once). EI also records non-distinct figures (i.e. participant attends 2 different training courses, participant is counted twice) for EI annual reporting. In 2017 a figure of 68,089 was reported which is equivalent to 64% of the KPI target. As of August 2018 this figure now stands at 79,552, which is equivalent to 75% of the KPI target. All indicators will be evaluated during the Mid-Term Evaluation. Operations selected have been fully implemented by the end of 2017.

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

(1)	ID	Indicator	2016 Total	2016 Men	2016 Women	2015 Total	2015 Men	2015 Women	2014 Total	2014 Men	2014 Women
F	CO01	Productive investment: Number of enterprises receiving support	20,340.00			14,195.00	7,020.00	7,175.00	6,793.00		
S	CO01	Productive investment: Number of enterprises receiving support	20,340.00			14,195.00	7,020.00	7,175.00	6,793.00		
F	CO02	Productive investment: Number of enterprises receiving grants	1,240.00			844.00			522.00		
S	CO02	Productive investment: Number of enterprises receiving grants	1,240.00			844.00			522.00		
F	CO04	Productive investment: Number of enterprises receiving non-financial support	20,596.00			13,787.00			6,197.00		
S	CO04	Productive investment: Number of enterprises receiving non-financial support	20,596.00			13,787.00			6,197.00		
F	CO05	Productive investment: Number of new enterprises supported	823.00			561.00			359.00		
S	CO05	Productive investment: Number of new enterprises supported	823.00			561.00			359.00		
F	CO06	Productive investment: Private investment matching public support to enterprises (grants)	8,349,576.00			5,478,158.00			2,797,411.00		
S	CO06	Productive investment: Private investment matching public support to enterprises (grants)	8,349,576.00			5,478,158.00			2,797,411.00		
F	CO08	Productive investment: Employment increase in supported enterprises	2,681.50			1,533.00			903.00		
S	CO08	Productive investment: Employment increase in supported enterprises	2,681.50			1,533.00			903.00		
F	3.1	Number of participants of enterprise training programmes	36,291.00			24,756.00	11,030.00	13,726.00	12,342.00		
S	3.1	Number of participants of enterprise training programmes	36,291.00			24,756.00	11,030.00	13,726.00	12,342.00		

Priority axis	3 - SME Support, promotion and capability development
Investment Priority	3a - Promoting entrepreneurship, in particular by facilitating the economic exploitation of new ideas and fostering the creation of new firms, including through business incubators
Specific objective	3a - To increase employment levels in micro-enterprises in the S&E Region by supporting business start-ups, business expansion and higher innovation levels in micro-enterprises.

Table 1: Result indicators for the ERDF and the Cohesion Fund (by priority axis and specific objective); applies also to Technical Assistance priority axis

ID	Indicator	Measurement unit	Category of region	Baseline value	Baseline year	Target value 2023	2017 Total	2017 Qualitative	Observations
3a.1	Employment in the micro-enterprise sector in the S&E Region	Full Time Equivalents	More developed	169,866.00	2011	186,852.00	193,002.00		<p>The latest regional data available from the CSO is for 2015 and states a total of 180,883 FTE employed in micro enterprises in the S&E region. The figures given for 2016 and 2017 are estimates based on straight line percentage growth rate and will be updated as CSO data becomes available. (Estimates are likely to be accurate based on national figures published in August 2018).</p> <p>Employment is well ahead of target reflecting an exceptionally strong performance by Ireland from 2015 onward. Employment grew faster in Ireland in the twelve months to June 2015 than in any other European member state. The final target will be reviewed as part of the Mid Term Evaluation.</p>

ID	Indicator	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
3a.1	Employment in the micro-enterprise sector in the S&E Region	186,844.00		180,883.00		175,112.00	

Priority axis	4 - Low Carbon Economy
Investment Priority	4c - Supporting energy efficiency, smart energy management and renewable energy use in public infrastructure, including in public buildings, and in the housing sector

Table 3A: Common and programme specific output indicators for the ERDF and the Cohesion Fund (by priority axis, investment priority, broken down by category of region for the ERDF) - 4 / 4c

(1)	ID	Indicator	Measurement unit	Category of region	Target value (2023) total	Target value (2023) men	Target value (2023) women	2017 Total	2017 Men	2017 Women	Observations
F	CO31	Energy efficiency: Number of households with improved energy consumption classification	Households	More developed	19,497.00			21,782.00			Reported values are a total of output values from both schemes (BEWHS and Social Housing Retrofit) included in the Investment Priority. Note, the Intermediary Bodies don't record the average change in energy performance certificate.
S	CO31	Energy efficiency: Number of households with improved energy consumption classification	Households	More developed	19,497.00			21,782.00			Reported values are a total of output values from both schemes (BEWHS and Social Housing Retrofit) included in the Investment Priority. Note, the Intermediary Bodies don't record the average change in energy performance certificate.
F	CO34	GHG reduction: Estimated annual decrease of GHG	Tonnes of CO2eq	More developed	8,945.00			4,323.00			As more households than initially envisaged have been included in the scheme resulting in an improved energy consumption classification per household, the cumulative GHG reduction has already exceeded the target value set for 2023. Note: figures given for this indicator are estimated annual reductions for the housing units targeted in that year only. The data on overall energy savings expressed in GWh/year is not available in advance of the submission deadline for the revised AIR but will be requested as part of the Mid Term Evaluation.
S	CO34	GHG reduction: Estimated annual decrease of GHG	Tonnes of CO2eq	More developed	8,945.00			4,323.00			As more households than initially envisaged have been included in the scheme resulting in an improved energy consumption classification per household, the cumulative GHG reduction has already exceeded the target value set for 2023. Note: figures given for this indicator are estimated annual reductions for the housing units targeted in that year only. The data on overall energy savings expressed in GWh/year is not available in advance of the submission deadline for the revised AIR but will be requested as part of the Mid Term Evaluation.

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

(1)	ID	Indicator	2016 Total	2016 Men	2016 Women	2015 Total	2015 Men	2015 Women	2014 Total	2014 Men	2014 Women
F	CO31	Energy efficiency: Number of households with improved energy consumption classification	16,365.00			10,870.00			4,370.00		
S	CO31	Energy efficiency: Number of households with improved energy consumption classification	16,365.00			10,870.00			4,370.00		
F	CO34	GHG reduction: Estimated annual decrease of GHG	5,719.00			7,891.00			5,409.00		
S	CO34	GHG reduction: Estimated annual decrease of GHG	5,719.00			7,891.00			5,409.00		

Priority axis	4 - Low Carbon Economy
Investment Priority	4c - Supporting energy efficiency, smart energy management and renewable energy use in public infrastructure, including in public buildings, and in the housing sector
Specific objective	4c - To improve energy efficiency in the housing stock.

Table 1: Result indicators for the ERDF and the Cohesion Fund (by priority axis and specific objective); applies also to Technical Assistance priority axis

ID	Indicator	Measurement unit	Category of region	Baseline value	Baseline year	Target value 2023	2017 Total	2017 Qualitative	Observations
4c.1	The average thermal performance of housing units in the S&E Region.	KWh/BRm2/year	More developed	210.00	2014	185.00			<p>The 2016 figure is a national figure taken from the SEAI report "Energy in the Residential Sector 2018". https://www.seai.ie/resources/publications/Energy-in-the-Residential-Sector-2018-Final.pdf</p> <p>The measurement unit is expressed as KWh per m2 per year as stipulated in the Energy Performance in Buildings Directive (EPBD) ... "The energy performance of a building shall be expressed by a numeric indicator of primary energy use in kWh/(m2.y) for the purpose of both energy performance certification and compliance with minimum energy performance requirements".</p> <p>SEAI has requested that the Results Indicator be reviewed in the context of the mid-term evaluation. SEAI reports annually on the Better Energy Warmer Homes scheme in GWh/year. SEAI currently use an estimate of 2100KWh savings per home per annum for this scheme (Total savings of 8.9922 GW/year in 2017).</p>

ID	Indicator	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
4c.1	The average thermal performance of housing units in the S&E Region.	156.00					

Priority axis	5 - Sustainable Urban Development
Investment Priority	4e - Promoting low-carbon strategies for all types of territories, in particular for urban areas, including the promotion of sustainable multimodal urban mobility and mitigation-relevant adaptation measures

Table 3A: Common and programme specific output indicators for the ERDF and the Cohesion Fund (by priority axis, investment priority, broken down by category of region for the ERDF) - 5 / 4e

(1)	ID	Indicator	Measurement unit	Category of region	Target value (2023) total	Target value (2023) men	Target value (2023) women	2017 Total	2017 Men	2017 Women	Observations
F	5.2	Number of multimodal urban mobility projects	Number of Projects	More developed	4.00			0.00			Implementation of selected projects has only started recently due to delays at the local level. To note F 5.2 relates to the number of multimodal urban mobility projects of which there are four. This is a subset of the nine projects identified under 5.1.1.
S	5.2	Number of multimodal urban mobility projects	Number of Projects	More developed	4.00			4.00			The projects under this objective were approved in early 2016.

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

(1)	ID	Indicator	2016 Total	2016 Men	2016 Women	2015 Total	2015 Men	2015 Women	2014 Total	2014 Men	2014 Women
F	5.2	Number of multimodal urban mobility projects	0.00			0.00			0.00		
S	5.2	Number of multimodal urban mobility projects	4.00			0.00			0.00		

Priority axis	5 - Sustainable Urban Development
Investment Priority	4e - Promoting low-carbon strategies for all types of territories, in particular for urban areas, including the promotion of sustainable multimodal urban mobility and mitigation-relevant adaptation measures
Specific objective	4e - To support low carbon sustainable, multimodal urban mobility in designated urban centres

Table 1: Result indicators for the ERDF and the Cohesion Fund (by priority axis and specific objective); applies also to Technical Assistance priority axis

ID	Indicator	Measurement unit	Category of region	Baseline value	Baseline year	Target value 2023	2017 Total	2017 Qualitative	Observations
4e	Non-private car commuting levels in the designated urban centres.	%	More developed	22.26	2011	42.26	44.00		This is a provisional figure based on Census 2016 Profile 6 Commuting in Ireland data, published in 2017. It will be reviewed and updated if necessary following an update to the Urban Development Index.

ID	Indicator	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
4e	Non-private car commuting levels in the designated urban centres.						

Priority axis	5 - Sustainable Urban Development
Investment Priority	6e - Taking action to improve the urban environment, to revitalise cities, regenerate and decontaminate brownfield sites (including conversion areas), reduce air pollution and promote noise-reduction measures

Table 3A: Common and programme specific output indicators for the ERDF and the Cohesion Fund (by priority axis, investment priority, broken down by category of region for the ERDF) - 5 / 6e

(1)	ID	Indicator	Measurement unit	Category of region	Target value (2023) total	Target value (2023) men	Target value (2023) women	2017 Total	2017 Men	2017 Women	Observations
F	CO37	Urban Development: Population living in areas with integrated urban development strategies	Persons	More developed	1,571,356.00			1,652,174.00			Implementation of all selected projects has commenced.
S	CO37	Urban Development: Population living in areas with integrated urban development strategies	Persons	More developed	1,571,356.00			1,652,174.00			The projects under this objective were approved in early 2016. . The most recent available CSO data on population is the 2016 Census. the 2016 figure is repeated in 2017 and will be updated as CSO data becomes available.
F	5.1.1	Number of integrated growth centre strategies implemented	Number of Strategies	More developed	9.00			0.00			Implementation of all selected projects has commenced.
S	5.1.1	Number of integrated growth centre strategies implemented	Number of Strategies	More developed	9.00			9.00			The projects under this objective were approved in early 2016.

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

(1)	ID	Indicator	2016 Total	2016 Men	2016 Women	2015 Total	2015 Men	2015 Women	2014 Total	2014 Men	2014 Women
F	CO37	Urban Development: Population living in areas with integrated urban development strategies	1,652,174.00			0.00			0.00		
S	CO37	Urban Development: Population living in areas with integrated urban development strategies	1,652,174.00			0.00			0.00		
F	5.1.1	Number of integrated growth centre strategies implemented	0.00			0.00			0.00		
S	5.1.1	Number of integrated growth centre strategies implemented	9.00			0.00			0.00		

Priority axis	5 - Sustainable Urban Development
Investment Priority	6e - Taking action to improve the urban environment, to revitalise cities, regenerate and decontaminate brownfield sites (including conversion areas), reduce air pollution and promote noise-reduction measures
Specific objective	6e - To revitalise, regenerate and improve the urban environment in the designated urban centres as part of integrated urban strategies

Table 1: Result indicators for the ERDF and the Cohesion Fund (by priority axis and specific objective); applies also to Technical Assistance priority axis

ID	Indicator	Measurement unit	Category of region	Baseline value	Baseline year	Target value 2023	2017 Total	2017 Qualitative	Observations
6e	Improvement in the social, economic and physical conditions in selected urban centres, based on an urban development index	index Values	More developed	5.00	2012	5.10			The projects under this objective were only approved in early 2016. In accordance with EC guidance of March 2017, years for which no value is available should be left blank. Values from previous years, including baselines, should not be repeated.

ID	Indicator	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
6e	Improvement in the social, economic and physical conditions in selected urban centres, based on an urban development index						

Priority axes for technical assistance

Table 3A: Common and programme specific output indicators for the ERDF and the Cohesion Fund (by priority axis, investment priority, broken down by category of region for the ERDF) - 6

Priority axis		6 - Technical Assistance									
(1)	ID	Indicator	Measurement unit	Category of region	Target value (2023) total	Target value (2023) men	Target value (2023) women	2017 Total	2017 Men	2017 Women	Observations
F	6.1	Number of Monitoring Committee meetings	number of meetings		10.00			1.00			
S	6.1	Number of Monitoring Committee meetings	number of meetings		10.00			1.00			
F	6.2	Number of evaluation studies conducted	Number of studies		5.00			0.00			
S	6.2	Number of evaluation studies conducted	Number of studies		5.00			0.00			
F	6.3	Number of annual information and publicity events	Number of events		7.00			1.00			
S	6.3	Number of annual information and publicity events	Number of events		7.00			1.00			
F	6.4	Number of Managing Authority Staff employed	Full time equivalents		4.50			4.50			In accordance with the indicator definition, values per year are annual values, not cumulative values
S	6.4	Number of Managing Authority Staff employed	Full time equivalents		4.50			4.50			In accordance with the indicator definition, values per year are annual values, not cumulative values
F	6.5	Number of staff participating in capacity-building measures	Number of staff		30.00			40.00			
S	6.5	Number of staff participating in capacity-building measures	Number of staff		30.00			40.00			
F	6.6	Computerised system in place for data exchange and e-cohesion	System in place		1.00			1.00			
S	6.6	Computerised system in place for data exchange and e-cohesion	System in place		1.00			1.00			
F	6.7	Number of representations on other programme committees for complementarity purposes	Number of representatives		6.00			6.00			In accordance with the indicator definition, values per year are annual values, not cumulative values
S	6.7	Number of representations on other programme committees for complementarity purposes	Number of representatives		6.00			6.00			In accordance with the indicator definition, values per year are annual values, not cumulative values

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

(1)	ID	Indicator	2016 Total	2016 Men	2016 Women	2015 Total	2015 Men	2015 Women	2014 Total	2014 Men	2014 Women
F	6.1	Number of Monitoring Committee meetings	3.00			2.00			1.00		
S	6.1	Number of Monitoring Committee meetings	3.00			2.00			1.00		
F	6.2	Number of evaluation studies conducted	0.00			0.00			0.00		
S	6.2	Number of evaluation studies conducted	0.00			0.00			0.00		
F	6.3	Number of annual information and publicity events	2.00			1.00			0.00		
S	6.3	Number of annual information and publicity events	2.00			1.00			0.00		
F	6.4	Number of Managing Authority Staff employed	4.50			4.50			4.50		
S	6.4	Number of Managing Authority Staff employed	4.50			4.50			4.50		
F	6.5	Number of staff participating in capacity-building measures	0.00			0.00			0.00		

(1)	ID	Indicator	2016 Total	2016 Men	2016 Women	2015 Total	2015 Men	2015 Women	2014 Total	2014 Men	2014 Women
S	6.5	Number of staff participating in capacity-building measures	0.00			0.00			0.00		
F	6.6	Computerised system in place for data exchange and e-cohesion	0.00			0.00			0.00		
S	6.6	Computerised system in place for data exchange and e-cohesion	0.00			0.00			0.00		
F	6.7	Number of representations on other programme committees for complementarity purposes	6.00			6.00			6.00		
S	6.7	Number of representations on other programme committees for complementarity purposes	6.00			6.00			6.00		

Table 3B: Number of enterprises supported by the operational programme net of multiple support to the same enterprises

Indicator	Number of enterprises supported by OP net of multiple support
CO01 - Productive investment: Number of enterprises receiving support	28,166
CO02 - Productive investment: Number of enterprises receiving grants	1,609
CO04 - Productive investment: Number of enterprises receiving non-financial support	887
CO05 - Productive investment: Number of new enterprises supported	1,040

Table 5: Information on the milestones and targets defined in the performance framework

Priority axis	Ind type	ID	Indicator	Measurement unit	Fund	Category of region	2017 Cum total	2017 Cum men	2017 Cum women	2017 Annual total	2017 Annual total men	2017 Annual total women
1	O	CO24	Research, innovation: Number of new researchers in supported entities	Full time equivalents	ERDF	More developed	647.00					
1	F	F1.1	total amount of eligible expenditure entered into the accounting system of the certifying authority and certified by the authority	€	ERDF	More developed	0.00					
1	O	1.3	Number of commercialisation fund awards	Number of Awards	ERDF	More developed	131.00					
2	O	CO10	ICT Infrastructure: Additional households with broadband access of at least 30 Mbps	Households	ERDF	More developed	0.00					
2	F	F1.1	total amount of eligible expenditure entered into the accounting system of the certifying authority and certified by the authority	€	ERDF	More developed	0.00					
2	I	I1	Key Implementation Steps	Number of Steps Completed	ERDF	More developed	1.00					
3	O	CO08	Productive investment: Employment increase in supported enterprises	Full time equivalents	ERDF	More developed	3,337.00					
3	F	F1.1	total amount of eligible expenditure entered into the accounting system of the certifying authority and certified by the authority	€	ERDF	More developed	4,838,368.00					
4	O	CO31	Energy efficiency: Number of households with improved energy consumption classification	Households	ERDF	More developed	21,782.00					
4	F	F1.1	total amount of eligible expenditure entered into the accounting system of the certifying authority and certified by the authority	€	ERDF	More developed	14,899,028.00					
5	F	F1.1	total amount of eligible expenditure entered into the accounting system of the certifying authority and certified by the authority	€	ERDF	More developed	5,261,737.00					
5	O	5.1.1	Number of integrated growth centre strategies implemented	Number of Strategies	ERDF	More developed	9.00					

Priority axis	Ind type	ID	Indicator	Measurement unit	Fund	Category of region	2016 Cum total	2015 Cum total	2014 Cum total	Observations
1	O	CO24	Research, innovation: Number of new researchers in supported entities	Full time equivalents	ERDF	More developed	384.00	174.00	0.00	The milestone target for 2018 has been exceeded in 2017. The OP is on track to exceed the final target level of new researchers in supported entities in 2018.
1	F	F1.1	total amount of eligible expenditure entered into the accounting system of the certifying authority and certified by the authority	€	ERDF	More developed	0.00	0.00	0.00	The Managing Authority works in partnership with the Intermediary Bodies and is happy to advise the EU Commission, following a meeting with Science Foundation Ireland in August 2018, and ongoing dialogue with Enterprise Ireland we are satisfied that under Priority 1 expenditure will be entered into the accounting system of the Certifying Authority and certified by the authority to secure the performance reserve.
1	O	1.3	Number of commercialisation fund awards	Number of Awards	ERDF	More developed	84.00	46.00	0.00	The milestone target for 2018 was exceeded in 2017. The Managing Authority is confident that the success enjoyed to date (40% of final target attained to end December 2017) and the continuous strong management of the scheme will ensure that the final targets are met. As a part of the IB's ongoing promotional activity for the Commercialisation Fund, they will host the Big Ideas event on 5th September 2018 in the Guinness Storehouse. This is a half-day showcase of the investor-ready start-up companies arising from the Commercialisation Fund projects funded. http://www.bigideas.ie/Agenda/ Arising from 3 review exercises carried out in early 2018 (CF Community of Founders Forum; Targeted CF Calls; R&I Communications Strategy), a female-only Call for Proposals is under consideration with a view to increasing the number of female applicants.
2	O	CO10	ICT Infrastructure: Additional households with broadband access of at least 30 Mbps	Households	ERDF	More developed	0.00	0.00	0.00	The Department having analysed the latest NBP project draft Product and Coverage Template (Q2 2018), which outlines the proposed quarterly deployment schedule for high speed broadband over time from contract award, the Department re-confirmed that the target output indicators remain on track for achievement.
2	F	F1.1	total amount of eligible expenditure entered into the accounting system of the certifying authority and certified by the authority	€	ERDF	More developed	0.00	0.00	0.00	The anticipated award of the NBP contract in 2018 will impose a number of robust legal obligations (and potentially, financial penalties) on the winning company, with respect to the delivery of the programme within an agreed timeframe.
2	I	I1	Key Implementation Steps	Number of Steps Completed	ERDF	More developed	1.00	1.00	0.00	Milestone achieved.
3	O	CO08	Productive investment: Employment increase in supported enterprises	Full time equivalents	ERDF	More developed	2,681.00	1,533.00	903.00	By the end of 2017, 43% of the indicator target was achieved. The IB expects to achieve 60% of the target by the end of 2018.
3	F	F1.1	total amount of eligible expenditure entered into the accounting system of the certifying authority and certified by the authority	€	ERDF	More developed	0.00	0.00	0.00	Implementation on Priority 3 is strong in terms of expenditure and impacts. The expenditure reported by the IB is in line with the profile however we acknowledge that the drawdown of eligible expenditure from the Commission is somewhat behind the projected milestone targets for this priority. A number of issues with regard to the implementation of the Priority have now been addressed and the IB Enterprise Ireland has now clearly demonstrated in their forecast to the Managing Authority that sufficient expenditure will be entered into the accounting system of the Certifying Authority and certified by the authority to secure the performance reserve.
4	O	CO31	Energy efficiency: Number of households with improved energy consumption classification	Households	ERDF	More developed	16,365.00	10,700.00	4,370.00	Progress on the implementation on Priority 4 is very strong. The Milestone target relating to the number of households with improved energy consumption classification has been significantly exceeded.
4	F	F1.1	total amount of eligible expenditure entered into the accounting system of the certifying authority and certified by the authority	€	ERDF	More developed	0.00	0.00	0.00	Expenditure on the ground has been strong. Declarations on this priority are on target to meet, or exceed, the Milestone target for 2018.
5	F	F1.1	total amount of eligible expenditure entered into the accounting system of	€	ERDF	More developed	0.00	0.00	0.00	The Managing Authority is in dialogue with the EU Commission in relation to a Milestone revision for Priority 5.

Priority axis	Ind type	ID	Indicator	Measurement unit	Fund	Category of region	2016 Cum total	2015 Cum total	2014 Cum total	Observations
			the certifying authority and certified by the authority							
5	O	5.1.1	Number of integrated growth centre strategies implemented	Number of Strategies	ERDF	More developed	9.00	0.00	0.00	Nine integrated growth centre strategies are in place. Implementation of selected projects has only started recently due to delays at the local level.

Priority axis	Ind type	ID	Indicator	Measurement unit	Fund	Category of region	Milestone for 2018 total	Milestone for 2018 men	Milestone for 2018 women	Final target (2023) total	Final target (2023) men	Final target (2023) women
1	O	CO24	Research, innovation: Number of new researchers in supported entities	Full time equivalents	ERDF	More developed	276			689.00		
1	F	F1.1	total amount of eligible expenditure entered into the accounting system of the certifying authority and certified by the authority	€	ERDF	More developed	72,000,000.00			180,000,000.00		
1	O	1.3	Number of commercialisation fund awards	Number of Awards	ERDF	More developed	130			325.00		
2	O	CO10	ICT Infrastructure: Additional households with broadband access of at least 30 Mbps	Households	ERDF	More developed	0			164,344.00		
2	F	F1.1	total amount of eligible expenditure entered into the accounting system of the certifying authority and certified by the authority	€	ERDF	More developed	0.00			60,000,000.00		
2	I	II	Key Implementation Steps	Number of Steps Completed	ERDF	More developed	Launch of procurement process to award contract			1.00		
3	O	CO08	Productive investment: Employment increase in supported enterprises	Full time equivalents	ERDF	More developed	2,304			5,760.00		
3	F	F1.1	total amount of eligible expenditure entered into the accounting system of the certifying authority and certified by the authority	€	ERDF	More developed	27,680,000.00			71,113,654.00		
4	O	CO31	Energy efficiency: Number of households with improved energy consumption classification	Households	ERDF	More developed	7,799.00			19,497.00		
4	F	F1.1	total amount of eligible expenditure entered into the accounting system of the certifying authority and certified by the authority	€	ERDF	More developed	26,600,000.00			66,500,000.00		
5	F	F1.1	total amount of eligible expenditure entered into the accounting system of the certifying authority and certified by the authority	€	ERDF	More developed	20,080,000.00			52,000,000.00		
5	O	5.1.1	Number of integrated growth centre strategies implemented	Number of Strategies	ERDF	More developed	4			9.00		

3.4 Financial data (Article 50(2) of Regulation (EU) No 1303/2013)

Table 6: 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 the transmission of financial data))

Priority axis	Fund	Category of region	Calculation basis	Total fund	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	More developed	Public	180,000,000.00	50.00%	244,338,150.00	135.74%	244,338,150.00	0.00	0.00%	373
2	ERDF	More developed	Public	60,000,000.00	50.00%	0.00	0.00%	0.00	0.00	0.00%	0
3	ERDF	More developed	Public	71,113,654.00	50.00%	38,572,160.00	54.24%	32,242,197.00	4,838,361.00	6.80%	1,792
4	ERDF	More developed	Public	133,000,000.00	50.00%	80,583,615.00	60.59%	80,583,615.00	14,899,028.00	11.20%	72
5	ERDF	More developed	Public	52,000,000.00	50.00%	52,000,000.00	100.00%	52,000,000.00	5,261,737.00	10.12%	9
6	ERDF	More developed	Public	4,018,700.00	50.00%	900,000.00	22.40%	900,000.00	536,670.00	13.35%	1
Total	ERDF	More developed		500,132,354.00	50.00%	416,393,925.00	83.26%	410,063,962.00	25,535,796.00	5.11%	2,247
Grand total				500,132,354.00	50.00%	416,393,925.00	83.26%	410,063,962.00	25,535,796.00	5.11%	2,247

Table 7: Breakdown of the cumulative financial data by category of intervention for the ERDF, the ESF and the Cohesion Fund (Article 112(1) and (2) of Regulation (EU) No 1303/2013 and Article 5 of Regulation (EU) No 1304/2013)

Priority axis	Characteristics of expenditure		Categorisation dimensions							Financial data				
	Fund	Category of region	Intervention field	Form of finance	Territorial dimension	Territorial delivery mechanism	Thematic objective dimension	ESF secondary theme	Economic dimension	Location dimension	Total eligible cost of operations selected for support	Public eligible cost of operations selected for support	Total eligible expenditure declared by beneficiaries to the managing authority	Number of operations selected
1	ERDF	More developed	060	01	01	07	01		24	IE02	174,579,324.00	174,579,324.00	0.00	29
1	ERDF	More developed	062	01	01	07	01		24	IE02	65,573,296.00	65,573,296.00	0.00	323
1	ERDF	More developed	062	01	02	07	01		24	IE02	4,185,530.00	4,185,530.00	0.00	21
2	ERDF	More developed	046	01	02	07	02		24	IE02	0.00	0.00	0.00	
3	ERDF	More developed	001	01	01	07	03		24	IE02	16,586,029.00	13,866,295.00	4,838,361.00	771
3	ERDF	More developed	001	01	02	07	03		24	IE02	12,728,813.00	10,639,925.00	0.00	591
3	ERDF	More developed	001	01	03	07	03		24	IE02	9,257,318.00	7,735,977.00	0.00	430
4	ERDF	More developed	014	01	01	07	04		24	IE02	65,120,720.00	65,120,720.00	14,899,028.00	32
4	ERDF	More developed	014	01	02	07	04		24	IE02	15,462,895.00	15,462,895.00	0.00	40
5	ERDF	More developed	036	01	01	07	04		24	IE02	18,000,000.00	18,000,000.00	5,261,737.00	3
5	ERDF	More developed	089	01	07	07	06		24	IE02	22,000,000.00	22,000,000.00	0.00	3
5	ERDF	More developed	094	01	02	07	06		24	IE02	12,000,000.00	12,000,000.00	0.00	3
6	ERDF	More developed	121	01	01	07			24	IE02	900,000.00	900,000.00	536,670.00	1

Table 8: The use made of cross-financing

1	2	3	4	5	6
Use of cross-financing	Priority axis	The amount of EU support envisaged to be used for cross financing based on selected operations (EUR)	As a share of the EU support to the priority axis (%) (3/EU support to priority axis*100)	The amount of EU support used under cross financing based on eligible expenditure declared by the beneficiary to the managing authority (EUR)	As a share of the EU support to the priority axis (%) (5/EU support to priority axis*100)
Costs eligible for support under the ESF, but supported from the ERDF	1	0.00		0.00	
Costs eligible for support under the ESF, but supported from the ERDF	2	0.00		0.00	
Costs eligible for support under the ESF, but supported from the ERDF	3	0.00		0.00	
Costs eligible for support under the ESF, but supported from the ERDF	4	0.00		0.00	
Costs eligible for support under the ESF, but supported from the ERDF	5	0.00		0.00	
Costs eligible for support under the ESF, but supported from the ERDF	6	0.00		0.00	

Table 9: Cost of operations implemented outside the programme area (the ERDF and the Cohesion Fund under the Investment for growth and jobs goal)

1	2	3	4	5
Priority axis	The amount of EU support envisaged to be used for operations implemented outside the programme area based on selected operations (EUR)	As a share of the EU support to the priority axis at the time of adoption of the programme (%) (2/EU support to priority axis at the time of adoption of the programme*100)	The amount of EU support in operations implemented outside the programme area based on eligible expenditure declared by the beneficiary to the managing authority (EUR)	As a share of the EU support to the priority axis at the time of adoption of the programme (%) (4/EU support to priority axis at the time of adoption of the programme*100)
1	0.00		0.00	
2	0.00		0.00	
3	0.00		0.00	
4	0.00		0.00	
5	0.00		0.00	
6	0.00		0.00	

Table 10: Expenditure incurred outside the Union (ESF)

The amount of expenditure envisaged to be incurred outside the Union under thematic objectives 8 and 10 based on selected operations (EUR)	Share of the total financial allocation (Union and national contribution) to the ESF programme or the ESF part of a multi-fund programme (%) (1/total financial allocation (Union and national contribution) to the ESF programme or the ESF part of a multi-fund programme*100)	Eligible expenditure incurred outside the Union declared by the beneficiary to the managing authority (EUR)	Share of the total financial allocation (Union and national contribution) to the ESF programme or the ESF part of a multi-fund programme (%) (3/total financial allocation (Union and national contribution) to the ESF programme or the ESF part of a multi-fund programme*100)

4. SYNTHESIS OF THE EVALUATIONS

Synthesis of the findings of all evaluations of the programme that have become available during the previous financial year, with reference of name and reference period of the evaluation reports used

No evaluations have been carried out so far as part of the implementation of the Southern & Eastern Regional Operational Programme 2014-2020. In accordance with Article 56 of the Common Provisions Regulation, an evaluation plan was drawn up by the Managing Authority and, in accordance with Article 114 of the Common Provisions Regulation, this Evaluation plan was approved by the Programme Monitoring Committee by written procedure in November 2015. The plan was submitted and subsequently adopted by the OP Monitoring Committee in December 2015. As part of their 2017 progress reports, several Intermediate Bodies have reported on evaluations that have been or are due to be carried out at scheme level.

A request for tender for a Mid Term Evaluation of the Southern and Eastern Regional Operational Programme 2014-2020 is currently being finalised and will be issued in Q2 2018.

Name	Fund	From month	From year	To month	To year	Type of evaluation	Thematic objective	Topic	Findings
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6 ISSUES AFFECTING THE PERFORMANCE OF THE PROGRAMME AND MEASURES TAKEN (ARTICLE 50(2) OF REGULATION (EU) No 1303/2013)

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

I refer to the Commission's letter dated 13th July, 2018 (Ref. Ares(2018)3734055 - 13/07/2018 2) which communicated to the Managing Authority the observations from the Commission relating to the Annual Implementation Report 2017 for the Southern & Eastern Regional Operational Programme 2014-2020 and the Interruption of the assessment process of the AIR. The Managing Authority has reviewed the contents of your letter and I have set out our considered response to each issue raised below and in the attached annex.

1. Performance Framework

The Commission services consider that there is a risk that the Priority Axes below will not achieve their financial milestones by the end of 2018: concerning Priority Axes 1, 3, 4 and 5 and indicator F - F1.1, the 2017 cumulative total amounts of eligible expenditure entered into the accounting system of the Certifying Authority and certified by the authority is significantly lower than the respective financial milestones for 2018 (page 28 - Table 5 of AIR 2017).

Managing Authority Response:

The Managing Authority acknowledges that for each of the Priorities highlighted above the progress on achieving the financial indicators to date is somewhat behind the targets. We also recognise that the milestones are intermediate targets set for indicators to be achieved by 31 December 2018, will be assessed in 2019 based on the 2018 Annual Implementation Reports and the importance of attaining these in order to secure the 6% performance reserve. The final targets are set to be achieved by 31 December 2023 and achievement of these will be assessed at the closure of the programme period in 2024 or 2025.

Firstly, we can assure the Commission that all necessary actions are being taken and advanced to attain the milestones within the time frame set by the performance review. The Operational Programme is being delivered in an effective and planned manner and achieving impressive results in terms of non-financial indicators and outcomes. It is achieving, and in many cases, exceeding its targets, the selection rate is high, physical outputs are high and the expenditure reported by IBs is also high.

Overall, in our estimation, good progress has been achieved on the implementation of the Regional Operational Programme across all Priorities except for Priority Axis 5. For many of the output indicators the Performance Framework milestones have already been met or exceeded and project beneficiaries have incurred expenditure in line with the expenditure profile. However, the lengthy designation process and development of the eCohesion systems has resulted in delays in completion of drawdown declarations and

hence the total amount of eligible expenditure entered into the accounting system of the Certifying Authority and certified by the Authority is somewhat behind the projected milestones as originally set out in 2014 for some Priorities.

The e-Cohesion system is now designated and the transfer of data from Contingency to eCohesion system is in train. The first claims are being entered onto the eCohesion system with a view to making declarations in Autumn 2018.

Progress on Priority 1 is strong in terms of expenditure and impact. The Marine Institute scheme call is launched and will contribute to the Priority from 2019. The Output Indicators under Priority 1 show that the Operational Programme is on track to meet, or exceed, their milestone targets. The Managing Authority works in partnership with the Intermediary Bodies and is happy to advise the EU Commission, following a meeting with Science Foundation Ireland in August 2018, and ongoing dialogue with Enterprise Ireland we are satisfied that under Priority 1 expenditure will be entered into the accounting system of the Certifying Authority and certified by the authority to secure the performance reserve. The OP has exceeded the number of new researchers in supported entities. The number of Commercialisation Fund Awards in the S&E Region has exceeded the Milestone target.

Implementation on Priority 3 is strong in terms of expenditure and impacts. The expenditure reported by the IB is in line with the profile however we acknowledge that the drawdown of eligible expenditure from the Commission is somewhat behind the projected milestone targets for this priority. A number of issues with regard to the implementation of the Priority have now been addressed and the IB Enterprise Ireland has now clearly demonstrated in their forecast to the Managing Authority that sufficient expenditure will be entered into the accounting system of the Certifying Authority and certified by the authority to secure the performance reserve.

Progress on the implementation on Priority 4 is very strong. The Milestone target relating to the number of households with improved energy consumption classification has been significantly exceeded and expenditure on the ground has been strong. Declarations on this priority are on target to meet, or exceed, the Milestone target for 2018.

The situation with regard to Priority 5 is somewhat different and in that regard a proposal to amend the Operational Programme specifically to revise the financial milestone is currently being prepared for formal submission to the Commission in Q3 2018.

The Managing Authority works in partnership with the Intermediary Bodies and is happy to advise the EU Commission, with the exception of the aforementioned priority 5 milestone revision request, that sufficient expenditure will be entered into the accounting system of the Certifying Authority and certified by the authority to secure the performance reserve.

(2) Observations on Priority Axis 6 performance

The AIR 2017 lacks data on communication activities, and a functioning hyperlink to an updated list of operations and beneficiaries under Technical Assistance (ERDF co-financing part over EUR 2 million) or

under Overview on PA 6 on page 8. The report should be completed with information on the achievements of activities that were targeted to the general public over 2017 (in line with the Communication Plan) beyond the Citizens Summary. The Commission attaches particular importance to explaining to the general public what the ERDF is doing for the region and what the programme is delivering.

Managing Authority Response:

A more detailed report on Communications activities for 2017 is annexed to the Citizen's Summary. A functioning link to the list of operations on the Managing Authority's website is included below.

<http://www.southernassembly.ie/regional-programme-beneficiaries>

*Considering the above observations and findings we kindly ask the Managing Authority to provide the Commission with a completed/revised version of the Annual Implementation Report 2017 **by the end of August 2018.***

Managing Authority Response:

This revised version of the Annual Implementation Report 2017 includes additional data and observations as requested. In particular, see Sections 2.1, 3.2, 6, 7 and 10.1.

(b) An assessment of whether progress made towards targets is sufficient to ensure their fulfilment, indicating any remedial actions taken or planned, where appropriate.

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7. CITIZEN'S SUMMARY

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 in the SFC2014 application

8. REPORT ON THE IMPLEMENTATION OF FINANCIAL INSTRUMENTS

9. OPTIONAL FOR THE REPORT TO BE SUBMITTED IN 2016, NOT APPLICABLE TO OTHER LIGHT REPORTS: ACTIONS TAKEN TO FULFILL EX-ANTE CONDITIONALITIES

Table 14: Actions taken to fulfil applicable general ex-ante conditionalities

General ex-ante conditionality	Criteria not fulfilled	Actions taken	Deadline	Bodies responsible	Action completed by the deadline	Criteria fulfilled	Expected date for full implementation of remaining actions	Commentary
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Table 15: Actions taken to fulfil applicable thematic ex-ante conditionalities

General ex-ante conditionality	Criteria not fulfilled	Actions taken	Deadline	Bodies responsible	Action completed by the deadline	Criteria fulfilled	Expected date for full implementation of remaining actions	Commentary
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10. PROGRESS IN PREPARATION AND IMPLEMENTATION OF MAJOR PROJECTS AND JOINT ACTION PLANS (ARTICLE 101(H) AND 111(3) OF REGULATION (EU) NO 1303/2013)

10.1. Major projects

Table 12: 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 (year, quarter)	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	Observations
National Broadband Plan		Planned notification/submission for EC to	275,000,000.00	75,000,000.00	2017, Q1		2017, Q1	2018, Q4	2 - 2a	0.00	Procurement	State led Intervention under the National Broadband Plan providing for broadband accessibility to all areas	30-Sep-2018	

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

- For clarification, the High Speed Broadband Map (www.broadband.gov.ie) for the NBP State led intervention was finalised on 4 April 2017 and includes approximately 540,000 premises in the Intervention Area. The finalisation of the Map provided certainty to bidders in the procurement process and to commercial operators delivering services outside of the Intervention Area (Light Blue/ Dark Blue on the Map).
- In April 2017 61% of the 2.3 million premises in Ireland had access to high speed broadband. Under commercial investment this figure is just over 70% as of March 2018, and is expected to rise to 90% of all premises by 2020.
- In response to the recommendation and advice, DCCAE wishes to emphasise to the EU Commission and the Monitoring Committee for the Operational Programme 2014 - 2020 that it is in the final stages of its formal procurement process to select a company to build, maintain and operate a new high speed broadband network in the State intervention area for a 25 year contract.
- While the procurement process is technology neutral, in line with State Aid requirements, one of its key objectives is to ensure that the network to be built can meet current and future demand i.e. that it is future proofed to deliver up to a gigabit and beyond. As part of the solution to be delivered by the successful bidder, it is now anticipated that the solution to be provided will be a predominantly Fibre to the Premises (FTTP) network.
- DCCAE continue to engage positively with DG Competition and DG Connect in respect to the State Aid notification for the State led intervention. The formal notification is expected to be sent shortly.
- 5G coverage is a planned future network infrastructure for Europe and it is anticipated that it will become a reality for Member States by the end of this decade i.e. by 2020. By comparison DCCAE is committed to commencing roll-out of high speed broadband under the NBP State led intervention in advance of 2020.
- It should be noted that the provision of telecommunications services in Ireland, including 4G and 5G services, is a matter for the relevant service providers who operate in a fully liberalised market regulated by the NRA, the Commission for Communications Regulation (ComReg). The Minister for the DCCAE does not have the statutory authority to require commercial companies to roll out services such as 4G and 5G and cannot compel operators to make specific investments in particular locations.
- However, in parallel with the NBP State led intervention procurement process, many practical initiatives are underway to improve the quality and coverage of mobile services in Ireland. The Programme for Government includes a commitment to a Mobile Phone and Broadband Taskforce. The Taskforce identified 40 actions alleviate the deficits and to assist in enhancing the quality of telecommunications services, particularly in rural areas. Of these 29 have been completed. The remaining actions have been carried forward to 2018 Work Programme for the Taskforce, with an additional 23 actions identified to continue the positive progress. The Taskforce's achievements to date include revisions to Exempted Development Regulations to facilitate prompt roll-out to telecommunications infrastructure and to prepare Ireland for the roll-out of 5G mobile technology.
- DCCAE had direct meetings with the Commission in July 2018 and re-confirmed in August 2018 that the target output indicators remain on track for achievement.

Any change planned in the list of major projects in the operational programme

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10.2. Joint action plans

Progress in the implementation of different stages of joint action plans

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Table 13: 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

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PART B

**REPORTING SUBMITTED IN YEARS 2017, 2019 AND FINAL IMPLEMENTATION REPORT
(Article 50(4), 111(3) and (4) of regulation (EU) No 1303/2013**

**11. ASSESSMENT OF THE IMPLEMENTATION OF THE OPERATIONAL PROGRAMME
(ARTICLES 50(4) AND 111(4) OF REGULATION (EU) NO 1303/2013)**

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

Priority axis	1 - Strengthening RTDI in the S&E Region
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Priority axis	2 - Information and Communication Technologies
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Priority axis	3 - SME Support, promotion and capability development
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Priority axis	4 - Low Carbon Economy
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Priority axis	5 - Sustainable Urban Development
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Priority axis	6 - Technical Assistance
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11.2. Specific actions taken to promote equality between men and women and to prevent discrimination, in particular accessibility for persons with disabilities, and the arrangements implemented to ensure the integration of the gender perspective in the operational programme and operations (Articles 50(4) and 111(4), second subparagraph, (e) of Regulation (EU) No 1303/2013)

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11.3. Sustainable development (Articles 50(4) and 111(4), second subparagraph, (f) of Regulation (EU) No 1303/2013)

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

Priority	Amount of support to be used for climate	Proportion of total allocation to the
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axis	change objectives (EUR)	operational programme (%)
4	40,291,807.50	60.59%
5	3,600,000.00	13.85%
Total	43,891,807.50	17.55%

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11.5. Role of partners in the implementation of the programme

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12. OBLIGATORY INFORMATION AND ASSESSMENT ACCORDING TO ARTICLE 111(4), FIRST SUBPARAGRAPH, (A) AND (B), OF REGULATION (EU) No 1303/2013

12.1. 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 executed)	Follow up (in case of executed)
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12.2. The results of the information and publicity measures of the Funds carried out under the communication strategy

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13. ACTIONS TAKEN TO FULFILL EX-ANTE CONDITIONALITIES (ARTICLE 50(4) OF REGULATION (EU) NO 1303/2013) (MAY BE INCLUDED IN REPORT TO BE SUBMITTED IN 2016 (SEE POINT 9 ABOVE). REQUIRED IN REPORT SUBMITTED IN 2017) OPTION: PROGRESS REPORT

14. ADDITIONAL INFORMATION WHICH MAY BE ADDED DEPENDING ON THE CONTENT AND OBJECTIVES OF THE OPERATIONAL PROGRAMME (ARTICLE 111(4), SECOND SUBPARAGRAPH, (A), (B), (C), (D), (G) AND (H), OF REGULATION (EU) NO 1303/2013)

14.1. Progress in the implementation of the integrated approach to territorial development, including development of regions facing demographic challenges and permanent or natural handicaps, integrated territorial investments, sustainable urban development, and community led local development under the operational programme

14.2. Progress in the implementation of actions to reinforce the capacity of Member State authorities and beneficiaries to administer and use the Funds

14.3. Progress in the implementation of any interregional and transnational actions

14.4. Where appropriate, the contribution to macro-regional and sea basin strategies

As stipulated by the Regulation (EU) No 1303/2013, article 27(3) on the "content of programmes", article 96(3)(e) on the "content, adoption and amendment of operational programmes under the Investment for growth and jobs goal", article 111(3), article 111(4)(d) on "implementation reports for the Investment for growth and jobs goal", and Annex 1, section 7.3 on "contribution of mainstream programmes to macro-regional and sea-basin strategies, this programme contributes to MRS(s) and/or SBS:

- 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)

14.5. Progress in the implementation of actions in the field of social innovation, where appropriate

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14.6. Progress in the implementation of measures to address the specific needs of geographical areas most affected by poverty or of target groups at highest risk of poverty discrimination or social exclusion, with special regard to marginalised communities and persons with disabilities, long term unemployment and young people not in employment including, where appropriate, the financial resources used

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**PART C REPORTING SUBMITTED IN YEAR 2019 AND FINAL IMPLEMENTATION
REPORT (Article 50(5) of Regulation (EU) No 1303/2013)**

**15. FINANCIAL INFORMATION AT PRIORITY AXIS AND PROGRAMME LEVEL
(ARTICLES 21(2) AND 22(7) OF REGULATION (EU) NO 1303/2013)**

16. SMART, SUSTAINABLE AND INCLUSIVE GROWTH (OPTION PROGRESS REPORT)

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

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17. 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
SEROP14-20 Air 2017 Citizens' Summary	Citizens' summary	04-Sep-2018		Ares(2018)4539016	SEROP14-20 Air 2017 Citizens' Summary	04-Sep-2018	nbrederv

Severity	Code	Message
Warning	2.53	In table 3A, the annual total value entered is 111.72% of the total target value for "F", priority axis: 4, investment priority: 4c, indicator: CO31, region category: M, year: 2017. Please check.
Warning	2.53	In table 3A, the annual total value entered is 116.29% of the total target value for "F", priority axis: 3, investment priority: 3a, indicator: CO04, region category: M, year: 2017. Please check.
Warning	2.53	In table 3A, the annual total value entered is 120.90% of the total target value for "F", priority axis: 3, investment priority: 3a, indicator: CO02, region category: M, year: 2017. Please check.
Warning	2.53	In table 3A, the annual total value entered is 133.33% of the total target value for "F", priority axis: 6, investment priority: -, indicator: 6.5, region category: , year: 2017. Please check.
Warning	2.56	In table 3B, the sum of CO02, CO03, CO04 and CO05 is less than the number of enterprises receiving support (CO01) (3536 < 28166)
Warning	2.62	Table 12 on Major Projects does not contain all Major Projects (based on CCI) linked to this Programme (National Broadband Plan) or not all required fields({1}) are filled in.