



## EFSI Operation Scoreboard<sup>1</sup>

<b>PROJECT PRESENTATION</b>	
<b><u>Project name</u></b>	FIVES RDI
<b><u>Promoter or financial intermediary</u></b>	FIVES
<b><u>Country of implementation</u></b>	France
<b><u>Summary project description</u></b>	<p>With its strong engineering competence and knowledge of industrial processes, FIVES designs and supplies highly specialised plant equipment and services critical to a variety of industrial sectors, including automotive, logistics, steel, aluminium, energy, cement and aerospace. The activities financed by this project ultimately aim at improving the industrial processes within these sectors in terms of quality and reliability, lower operational costs, higher productivity, as well as improved energy efficiency and environmental performance.</p> <p>A particular focus of the RDI activities is on intelligent industrial processes in context of an increasing digitalisation and the Industrial Internet of Things (IIoT). This includes advanced digital manufacturing technologies, robotics and automation systems as well as related data-driven services enabled by the use of Information and Communication Technologies (ICT). FIVES has been selected as one of the lead pilots in the “Factory of the Future” project in France and is engaged in collaborative research projects with private and public partners for the development of future manufacturing concepts and technologies.</p> <p>A part of the investment concerns a joint-venture activity with an industrial partner to establish a new offering in the area of Additive Manufacturing (AM) for industrial applications. FIVES brings in its strong engineering expertise and market access to a variety of relevant industries, while its partner has developed the core technology.</p>

<sup>1</sup> This Scoreboard of indicators reflects the information presented to the EFSI Investment Committee (IC) for its decision on the use of the EU guarantee for this operation. Therefore, the document does not take into account possible developments that could have occurred after this decision. Parts of this document that fall under the exceptions for disclosure defined by the EIB Group Transparency Policy, notably under the articles 5.5 (protection of commercial interests) and 5.6 (protection of the Bank’s internal decision-making process), have been replaced by the symbol [...].

## PROJECT PILLAR ASSESSMENT

### **Pillar 1**

Contribution to EU policy	Significant
<b>Cross-cutting objectives</b>	
EIB Cohesion Priority Regions / Economic and Social Cohesion	33.00%
Climate Action	23.00%
<b>EFSI</b>	
Contribution to EFSI	100.00%
EFSI: Research, development and innovation	67.00%
Projects that are in line with Horizon 2020	67.00%
EFSI: Less-developed regions and transition regions	33.00%
Less-developed regions and transition regions as listed respectively in Annex I and Annex II of Commission Implementing Decision 2014/99/EU	33.00%

### **Pillar 2**

Quality and soundness of the project	Good
1. Growth	[...]
2. Promoter capabilities	[...]
3. Sustainability	[...]
4. Employment	[...]

*This pillar evaluates the quality and soundness of the operation. This pillar is composed of four indicators which include:*

- (i) "Growth" i.e. for example and where relevant the economic rate of return ('ERR'), which considers the project's socioeconomic costs and benefits, including its spillover effects;*
- (ii) "Promoter capabilities" i.e. the capacity of the promoter/intermediary to implement the project and create the expected impact at the [final] beneficiary level;*
- (iii) "Sustainability" i.e. environmental and social sustainability<sup>2</sup>;*
- (iv) "Employment" i.e. the project's direct employment effect.*

### **Pillar 3**

EIB Technical and financial contribution to the project	Significant
1. Financial contribution	[...]
2. Financial facilitation	[...]
3. Advice	[...]

*This pillar measures the EIB's particular contribution to the project and its financing scheme in the form of financial and non-financial benefits which go beyond what commercial players would normally be able to offer. This dimension of value added is assessed through three indicators:*

- (i) "Financial Contribution" i.e. improving the counterpart's funding terms compared to market sources of finance (interest rate reduction and/or longer lending tenor),*
- (ii) "Financial Facilitation" i.e. helping to attract private financiers (for example through positive signaling effects), promoting synergies in co-financing with other public sources of funds including National Promotional Banks or EU financial instruments,*
- (iii) "Technical Contribution and Advice" i.e. providing advice with a view to optimizing the financing package (financial structuring), or technical advisory services in the form of expert input / knowledge transfer – provided in-house by the EIB or in the form of assignments to external consultants – to facilitate the preparation or implementation of a project.*

<sup>2</sup> For additional information on the EIB's assessment of the project's environmental and social aspects, please refer to the project's Environmental and Social Data Sheet (ESDS) published on the EIB website.

## **Pillar 4 – Complementary indicators**

### ***Additionality***

In line with the EFSI Objective of supporting research, development and innovation (RDI) and in particular projects that are in line with the EU policy objectives enshrined in the Horizon 2020 programme and the deployment of related infrastructures, technologies and processes, the operation will support FIVES, a major European player in the design and manufacturing of innovative industrial processes and products for a wide range of sectors as well as in the start-up of a new business activity in the area of advanced manufacturing. About a third of the project shall be located in the transition region Auvergne in France, supporting thus the strengthening of the EU's economic, social and territorial cohesion.

FIVES is a new counterpart to the EIB and is one of the oldest French industrial group, created in 1812. The company is an industrial engineering group which designs and supplies machines, process equipment and production lines for the world's largest industrials including the aluminium, steel, glass, automotive, aerospace, logistics, cement and minerals, energy and sugar sectors. It provides innovative and technologically advanced equipment and solutions that are critical for customers in order to optimize their production processes and plant operations.

The financing under EFSI provides long-term financing, which is key to facilitate the project implementation. The project shall also address current market failures helping generate significant positive knowledge, technology and/or environmental externalities, through the creation of innovative processes, products or services and through skills development and upgrading, which is of particular value for the European manufacturing sector.

The operation falls under the Special Activity category, in particular taking into account that the envisaged EIB financing under EFSI allows for a longer tenor, in line with the economic life of the project. This relative subordination (in terms of tenor) is a feature not available to the borrower from private lenders. In this respect, thanks to EFSI, EIB shall provide comfort and a positive signalling and catalytic effect, strengthening lenders' confidence in the borrower's capacity to pursue its growth objective and investment plan.

## Set of indicators related to the macroeconomic environment

### France - Economic environment

#### Economic Performance

	FR 2016	EU 2016	US 2016	FR 2001-2007
GDP per capita (EUR, PPS)	30,910	29,440	42,615	30,572
GDP growth (%)	1.2	1.9	1.6	1.9
Potential GDP growth (%)	1.1	1.3	2.1	1.8
Output gap (% of potential GDP)	-1.3	-0.75	-0.03	1.9
Unemployment Rate (%)	10.1	8.2	4.7	8.5
Unemployment Rate (%) - Y/Y change (% points)	-0.1	-0.8	-0.3	-0.19
Bank-interest rates to non-financial corporations (%)	1.2	1.4	1.8	3.5
Bank-interest rates to non-financial corporations (%) - Y/Y change (% points)	-0.19	-0.21	-1.4	0
Investment rate (GFCF as % of GDP) - Total	21.9	19.7	19.6	21.7
Investment rate (GFCF as % of GDP) - Public	3.4	2.7	3.4	3.9
Investment rate (GFCF as % of GDP) - Private	18.4	17.0	16.2	17.8

#### General Sector Indicators

	2013	2014	2015	2016	EU (latest available)
Value added in Manufacture of machinery and equipment n.e.c. (% of total)	-	-	-	-	1.7
Employment in Manufacture of machinery and equipment n.e.c. (% of total)	-	-	-	-	-

#### Research, development and innovation

	2013	2014	2015	2016	EU (latest available)
Gross domestic expenditure on R&D (GERD) (% of GDP)	2.2	2.2	2.2	-	2.0
Gross domestic expenditure on R&D (GERD) distance to EU 2020 target (% of GDP)	0.76	0.76	0.77	-	0.97
Research and development expenditure - Government (% of GDP)	0.29	0.29	0.29	-	0.24
Research and development expenditure - Higher education (% of GDP)	0.47	0.46	0.45	-	0.47
Research and development expenditure - Business (% of GDP)	1.5	1.5	1.5	-	1.3
Research and development expenditure - Private non-profit sector (% of GDP)	0.03	0.03	0.03	-	0.02
Eco-Innovation Index (EU =100)	108.0	112.0	115.0	-	100.0

- Country average for "GDP per capita (EUR, PPS)" is calculated in real terms

- EU value for "Bank-interest rates to non-financial corporations" corresponds to Euro Area average; Country average is the simple average between 2003 and 2007

- The EU value is displayed as the value in the year that corresponds to the latest value of the indicator in a particular country



**Other indicators<sup>3</sup>****Key project characteristics**

	Expected at PCR
Start of works	01.01.2018
End of works	31.12.2021
Project investment cost	187.70 MEUR
EIB/EFSI eligible investment mobilised	187.70 MEUR
External EFSI multiplier	2.35
External EIB (non-EFSI) multiplier	
Amount of private financing	107.70 MEUR
Quick start (% of expenditure during 2015-2018)	25.00 %
Co-financing with national promotional banks	0.00 MEUR
Co-financing with structural funds (ESIF)	0.00 MEUR
Co-financing with other EU instruments (i.e. Horizon 2020, Connecting Europe Facility, etc)	
Energy efficiencies realised	0.00 MWh/a
Climate Action indicator	23.00% Contribution to climate change adaptation (transversal)
Employment during construction - temporary jobs	1,330 person years
Employment during operation - new permanent jobs	105 FTE

<sup>3</sup> For additional information on the EIB's assessment of the project's environmental and social aspects, please refer to the project's Environmental and Social Data Sheet (ESDS) published on the EIB website. The abbreviation PCR stands for Project Completion Report.