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Operations Evaluation • Operations Evaluation • Operations Evaluation • Operations Evaluation • Operations Evaluation

Operations Evaluation

Evaluation of Activities under the
Risk Sharing Finance Facility (RSFF)



EIB Operations Evaluation

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RSFF Contribution and project cycle management

In all projects the contribution was significant or high, which is a good result demonstrating the important contribution the RSFF and the EIB/EC has provided. In fact, the financial advantage of the loan, the long maturity or ability to match currency (and avoid exchange risk), the ability to diversify funding sources and the catalytic effect on the confidence of other financiers of seeing EIB involved came up repeatedly as drivers for taking EIB finance. The financial crisis had profound impacts on the structure of the European banking industry. The banking landscape and risk appetite has completely changed compared to when the facility was initially conceived and designed. The RSFF contribution in particular in a crisis context was particularly high.

The results for the project cycle management are good. Appraisal times have been reduced, but signature bunching observed in the last month of the year increases operational risk. Internal procedures of the RSFF agreement are complex and not always clear. The agreement and the EC eligibility check could be reviewed to clarify and streamline procedures.

The positive project results combined with the Bank's policy to apply best banking practice to reduce any potential losses may raise the question whether the risk appetite of the RSFF instrument is not too small. From an operational point of view, RSFF has started as "haute couture", requiring a significant input to identify, develop and complete innovative projects/products etc. and over time has become more "prêt à porter", i.e. roll-out through the Bank with a reduced operational role for the designated EIB service. The EIB has moved from a risk adverse approach into an institution accepting more risk in a controlled manner, but the Bank should further develop the instruments, contracts and staff to implement this consistently. There are clear resource implications from the shift to riskier operations.

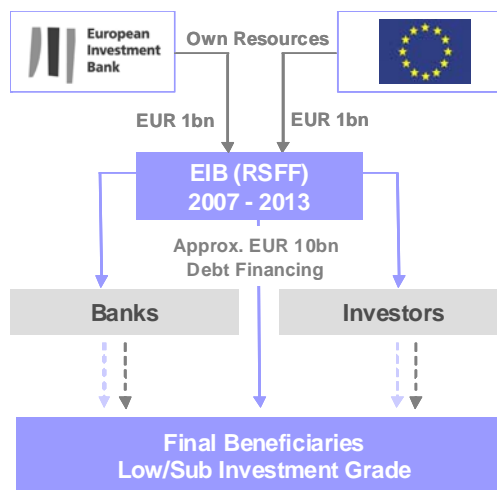
EV's impact during the evaluation

The evaluation already had an impact on ongoing operations, since it triggered discussions between the services on certain procedural aspects. During the course of the evaluation, a number of recommendations and specific information was shared with the dedicated EIB RSFF team to improve ongoing performance. The definition of RSFF performance indicators were to be determined by the Steering Committee as soon as the data is available and no later than 31 December 2009. EV reminded the parties about this requirement of the Cooperation agreement and made concrete suggestions.

2 PRESENTATION OF THE RSFF

2.1 OVERVIEW

To foster private sector RDI investment in the EU, the EC and the EIB established the Risk-Sharing Finance Facility (RSFF). It is a debt-based finance facility, where the EC provides a contribution to the EIB to partly cover its risks when providing loans and/or guarantees for eligible RDI investments. The EC and the EIB are risk-sharing partners for the RSFF. There will be risk-sharing between the EC and the EIB under each RSFF operation for which the EC contribution shall be used. The level of total provisioning and capital allocation amounts of the EC contribution should not exceed 50% of the nominal loan or guarantee value.



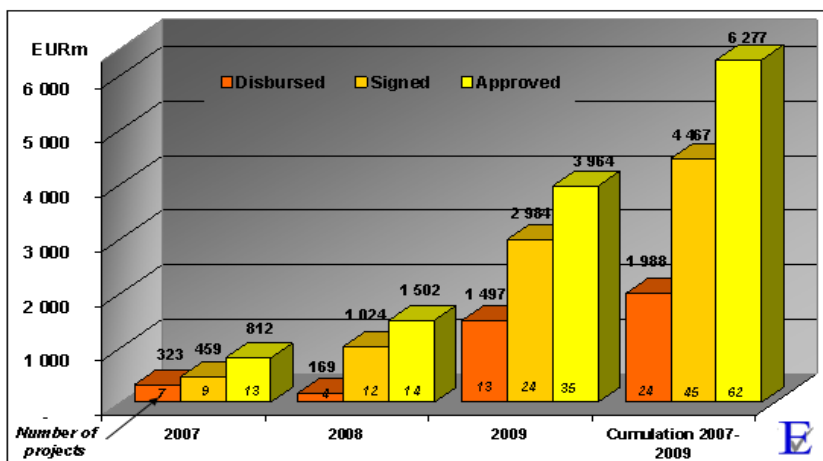
The RSFF is a demand driven instrument and the EIB uses the EC contribution on a "first come, first served basis." Based on its financial evaluation, the EIB assesses the level of financial risks and decides the value of the provision and capital allocation (for expected and unexpected loss). The risk assessment and grading follows standard procedures of the Bank, under its Structured Finance Facility. They are not altered as a result of the EC contribution⁴.

2.2 A FIRST SNAPSHOT OF THE RSFF PORTFOLIO

Since its creation in June 2007 until 31.12.2009, a total number of 137 RSFF operations have officially entered the EIB pipeline and were registered in the Bank's electronic database as RSFF operations. 62 operations have been approved at end 2009, of which 45 were signed and 24 were disbursed (see graph below). The review of the conversion rate of EIB Board RSSF approvals into contract signatures and disbursements reveals the following trends: 73% of projects approved were signed and 53% of projects signed were disbursed.

GRAPH: RSFF loan amount (in EUR m) and number of RSFF operations approved/signed/dispursed 2007 - 2009

A total amount of EUR 6.3 bn has been approved for projects in 20 countries (18 EU Member States and 2 Associated Countries). Three countries (Germany, Spain and Sweden) account for more than half of total RSFF approvals⁵.



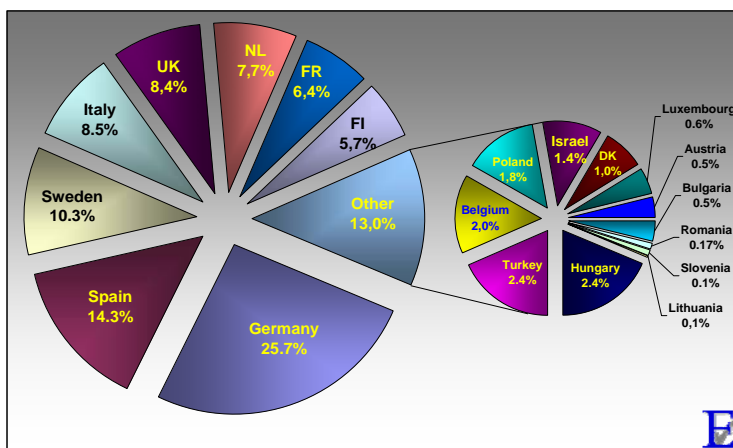
N.B. Certain operations, which were approved under RSFF but ultimately cancelled or signed as non RSFF loans, were not considered

⁴ See RSFF Co-operation Agreement between the EC and the EIB.

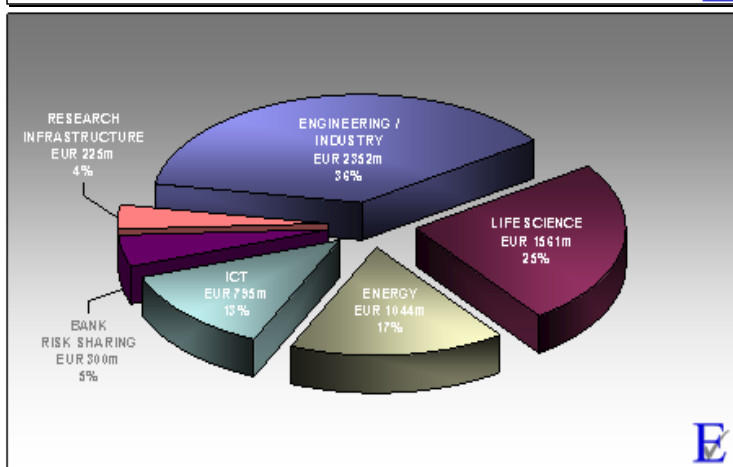
⁵ Considering all RSFF supported RDI expenditures, two more countries have benefited from indirect RSFF financing, namely Ireland and Slovakia.

GRAPH: Country distribution of 62 approved RSFF operations 2007 - 2009

The approved project portfolio is dominated by two sectors (engineering/industry and life science), which make up more than 60% of the portfolio.



GRAPH: Sectoral distribution of approved RSFF operations 2007-2009



3 RELEVANCE

RSFF projects financed were coherent with FP 7 and EIB i2i/Knowledge Economy priorities, but certain imbalances of the portfolio are observed. The RDI scale analysis reveals that projects financed have moved over time from the innovation side more towards the development side. Efforts should continue to strengthen RSFF activities in these areas of the RDI cycle. All projects analysed in-depth were in full conformity with EU, EIB, country and RSFF objectives. Important effects on European co-operation, as well as technological, financial and economic spill over effects are noted.

3.1 EU AND EIB POLICY BACKGROUND FOR RSFF – EC 7TH FRAMEWORK PROGRAMME RTD AND EIB I2I / KNOWLEDGE ECONOMY⁶

The origins of the RSFF process were rooted in the discussions at the beginning of the 2000s with the Lisbon declaration. The “FP7 - RTD” was tabled in early 2006 as a result of several years of consultation with stakeholders from the research community.

The overriding aim of the **Seventh Framework Programme RTD** “is to contribute to the Union becoming the world's leading research area. This requires the Framework Programme to be strongly focused on promoting and investing in world-class state-of-the-art research, based primarily upon the principle of excellence in research.”⁷

⁶ The origins and development of EU, EIB and Members States policy and cooperation in research, development and innovation has been outlined in a recent RDI evaluation. See <http://www.eib.org/projects/publications/evaluation-of-i2i-research-development-and-innovation-projects.htm>.

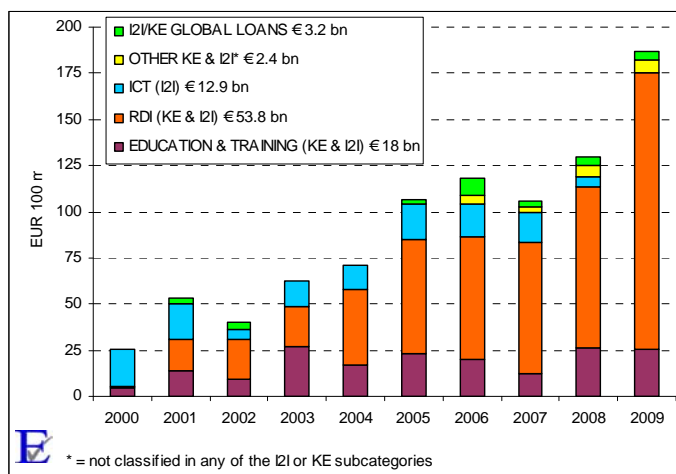
⁷ Decision No 1982/2006/EC of the European Parliament and of the Council of 18 December 2006 concerning the Seventh Framework Programme of the European Community for research, technological development and demonstration activities (2007-2013).

The “FP 7 RTD” covers the following main priority areas:

- (i) Cooperation (EUR 32.4 bn): supporting the whole range of research actions carried out in trans-national cooperation in ten cooperation themes or sectors (see also section 3.3)⁸;
- (ii) Ideas (EUR 7.5 bn): supporting ‘investigator-driven’ research;
- (iii) People (EUR 4.7 bn): strengthening the human potential in research and technological development in Europe, as well as encouraging mobility;
- (iv) Capacities (EUR 4.2 bn): supporting key aspects of European research and innovation capacities such as research infrastructures; regional research driven clusters; etc;
- (v) non-nuclear actions of the Joint Research Centres (JRC) (EUR 1.8 bn).

The RSFF concept itself was inspired by the internal discussions at both EC and EIB level. Responding to the Lisbon Agenda priorities, the **EIB** set up its own strategies **i2i (“Innovation 2000/2010 Initiatives”)**, now followed up by the **Knowledge Economy**, as one of its core lending priorities (see graph).

RSFF is only one of the instruments available to the **EIB** to finance the Knowledge Economy. The EIB’s Knowledge Economy objective covers not only R&D, but also ICT investments and support for higher education institutions. Since the start of the EIB i2i programme (including Knowledge Economy) in 2000, a total of EUR 87.1 bn were signed under this objective.



The inter-institutional and political phase of RSFF conception

On 1 October **2003**, an EC/European Council communication on “A European initiative for growth investing in networks and knowledge for growth and employment” set the scene: “*Support from the EIB has been identified by several governments as a key factor in ensuring the financial viability of longer-horizon investments.*” In 2004, a new joint EC-EIB mechanism was launched, which was initially baptised “SFF-RTD”.

On 28 November **2005** the Competitiveness Council confirmed RSFF as an integral part of FP7 “*given the significant leverage effect and catalyzing role of RSFF, in particular for private R&D projects*”, . This confirmation was rapidly followed by the December 2005 European Council which “*invites the Commission in cooperation with the European Investment Bank to examine the possibility of strengthening their support for Research and Development by up to a maximum of EUR 10 billion through a financing facility with risk-sharing components to foster additional investment in European research and development, particularly by the private sector*”.

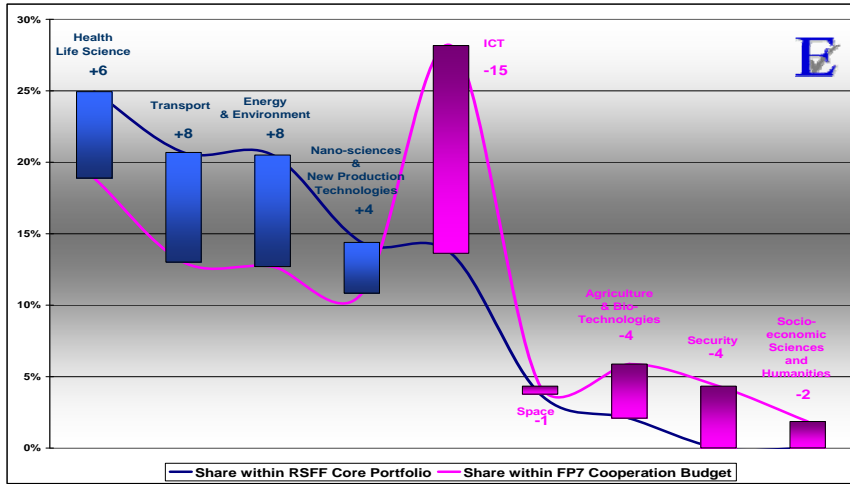
After some tripartite discussions including the European Parliament, on 7 February 2006 the Council concluded that “*it remains important that RSFF be financed as planned even if cuts to FP7 were required under a budgetary adjustment derived from the 2007-2013 financial perspectives*”, which confirmed RSFF as a top priority of the EU’s political agenda.

The final inter-institutional phase led to the Decision N°1982/2006 of the EP and of the Council of 18 December 2006 to contribute the funds from FP 7 to the RSFF. The RSFF was established on **5 June 2007** through the RSFF Co-operation Agreement between the European Community (EC) and the European Investment Bank (EIB).

⁸ 10 cooperation themes: (a) Health (EUR 6.1 bn); (b) Food, Agriculture and Fisheries and Biotechnology (EUR 1.9 bn); (c) Information and Communication Technologies (EUR 9.1 bn); (d) Nano-sciences, Nano-technologies, Materials and New Production Technologies (EUR 3.5 bn); (e) Energy (EUR 2.3 bn); (f) Environment (including Climate Change) (EUR 1.8 bn); (g) Transport (including Aeronautics) (EUR 4.2 bn); (h) Socio-economic Sciences and Humanities (EUR 0.6 bn); (i) Space (EUR 1.4 bn); (j) Security (EUR 1.4 bn).

With an approved loan amount of EUR 6.0 bn⁹ a total of EUR 16.2 bn of RDI investments have been indirectly supported through RSFF funding as at the end of 2009.

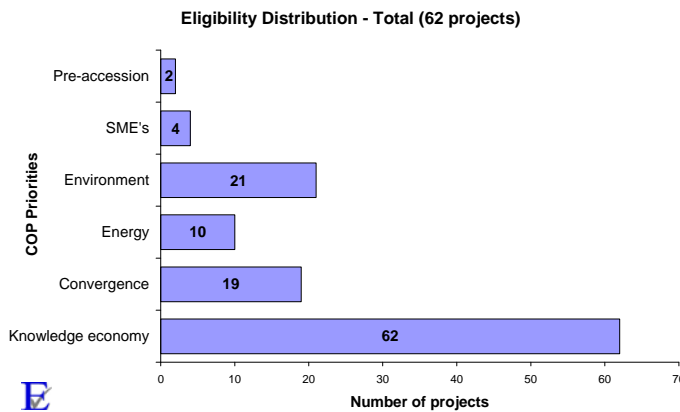
A mapping approach has been used in order to establish the similarities and differences of sector coverage within the FP7 programme and the RSFF loan distribution. The analysis reveals that four sector priorities of the FP 7 programme have a larger share in RSFF when compared to their relative weight within the FP 7, while five sectors, and in particular ICT, are below the proportion of the FP 7 share. However, it is to be noted that the Bank's non-RSFF lending to the ICT sector has amounted to EUR 12.9 bn since 2000 (see chapter 3.1).



Given this context, a more balanced approach towards ICT and/or other not yet highly represented sectors could be discussed.

When analysing the underlying specific FP 7 cooperation themes for the different sectors supported, the following observations can be made: For both health/life science and ICT, there is a wide

spread of interventions covering most of the different FP7 activities under this heading. Energy interventions are predominantly focussed around renewable energy production and energy efficiency. Transport activities focus mainly on support for sustainable surface transport and new production technologies were of predominant importance for a number of industrial projects.



A similar analysis of all approved projects has been performed to establish the pertinence and coherence of RSFF objectives with the **EIB i2i Knowledge Economy priority.**

Besides their Knowledge Economy/i2i eligibility, many of the projects also address other priority lending areas at the same time¹⁰, namely regional development /convergence, environment and energy, as well as SMEs and pre-accession.

Two specific indicators were used to assess the “process of transforming increases in human knowledge into innovation, and subsequently into total factor productivity and competitiveness gains¹¹”:

⁹ This does not consider lines of credit.

¹⁰ In a number of projects, the eligibility put in the Board report and the ones recorded in Serapis differ with the latter including more. For this analysis, the Serapis information been retained.

¹¹ This phrase was incorporated in the launch of the Bank's Innovation 2010 Initiative in June 2003.

- The proportion of the project investment related to RDI

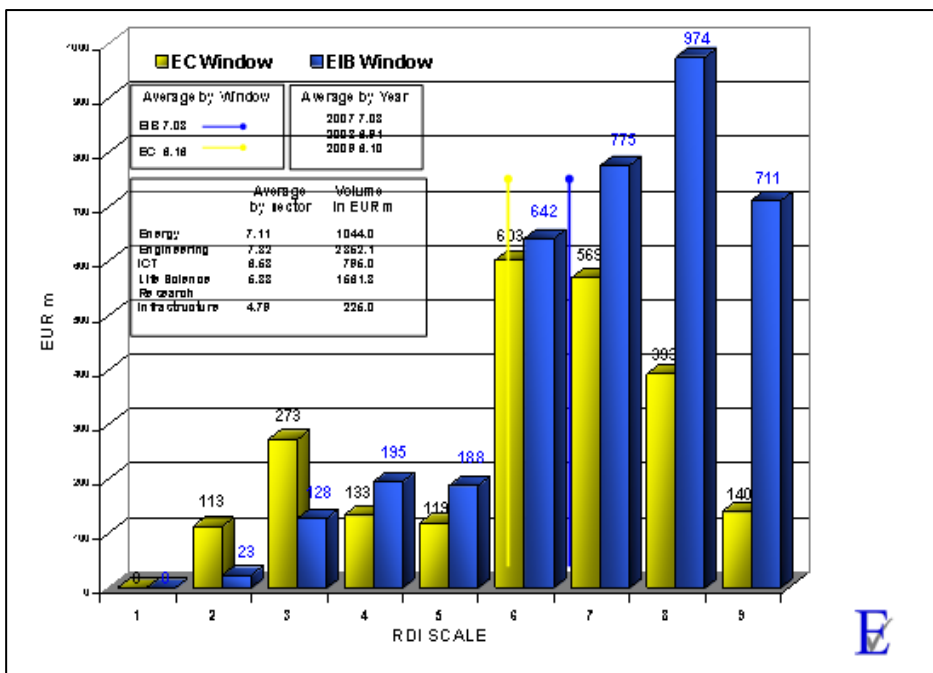
For 82% of all projects, the RDI component represented 100% of total project cost (EUR 16.2 bn). The average was 90% when adjusting for two very large projects with lower RDI shares, which distorts the overall picture.

- The support mechanism employed (whether the project directly contributed to the creation of knowledge or whether it provided indirect support, through for example the provision of infrastructure). This knowledge creation effect was measured through the **RDI scale** (see box).

The core project portfolio¹² has been analysed, based on an in depth study of the related internal documents and expert interviews, where necessary, to locate and cluster the different projects (for both the EIB and the EC window) with regard to their location on the RDI scale.

Innovation Cycle	RDI Scale	
	Stage	Description
Research	1	Intellectually-driven investigation with no foreseeable economic application.
	2	Investigation within established disciplines/technologies.
	3	Applied research within existing technology boundary with practical applications in mind.
Development	4	Technology 'start-up' to develop practical applications for research ideas.
	5	Collaborative development within existing industries to produce new or next generation technology.
	6	Technical development of products following a defined longer-term technology 'roadmap'.
Innovation	7	Development of 'new generation' products involving substantial modification/innovation.
	8	Process/product innovation designed to modify/improve/differentiate existing products.
	9	Process innovation designed to reduce cost or extend life of existing product range.
Not RDI	10	Investment in maintenance or expansion of existing production.

Graph: RDI Scale of approved RSFF projects



- a) Since 2007, the average RDI scale has shifted from the innovation towards the development side (from 7.03 to 6.10 on the RDI scale).
- b) While the average RDI scale under the EIB window is 7.03, thereby falling more towards the innovation side of the

RDI scale, the EC average is 6.16 – on the development side of the RDI scale. The EC definition of RTD includes “demonstration” specifically, but this term does not explicitly figure in the RDI scale and could be located almost at any point between 4 and 8. One project (4), which was allocated under the EC window, was specifically allocated under the demonstration aspects, but considers an RDI scale of 6-8. This partially explains the portion of RSFF loans on the innovation side of the EIB RDI scale.

¹² 62, without considering the bank intermediated RDI loans.

involved in dissemination activities. With notable exceptions, ICT and automotive companies often restrict their collaboration to “in-house” companies.

b) Technological demonstration effects

Spill-over to other partners in the research community is varied and multiple. It ranges from very limited effects through in-house dissemination with reduced external publicity (projects 12, 14, 16, 21), up to very important spill-over effects due to partnerships with universities, research centres and suppliers (projects 2, 4, 5, 9, 18). Promoters are often actively promoting dissemination, while clearly consideration is given to intellectual property right (IPR) protection. In particular, companies in the biomedical sector are participating in international symposia/working groups to share information in the RDI community and to present the results of their RDI and clinical trials; they also disseminate through congresses and publications. In various projects, these companies have also established close collaboration with other companies (mainly SMEs), as well as with national and international universities, which in the life science sector is key for the conduction of the clinical trials.

c) Financial demonstration effect

Almost 80% of the promoters interviewed indicated that the RSFF loan was a catalyst for opening up the private loan market, even though private banks usually did not specifically provide dedicated RDI loans. The vast majority of these companies mentioned that the EIB’s RSFF loan indicated a certain signalling effect either to other banks or to facilitate grant financing. In one project, EIB with the RSFF product was the cornerstone investor and other banks and financiers would not have been part of the deal without EIB involvement.

d) Economic leverage effect

For green field energy projects, positive direct and indirect employment effects could be reported. For most of other companies, the financial crisis would have taken its toll without the RSFF loan, since it provided a stabilising employment factor and avoided a brain drain of highly qualified persons. Indirectly, due to the dependence on related research institutes, the RSFF loans provided stability. Only one company, which was in the midst of a major restructuring, reported significant employment reduction, although this was already anticipated at appraisal (project 14).

4 EFFECTIVENESS

The start up and development of RSFF has been very steep. After long discussions to bring the facility to life, it received a quick start through the conversion of already approved operations into RSFF and the initiation of more operations. As a consequence of the financial crisis, 2009 saw a significant increase in RSFF activity, which seemed more “volume” than “innovative/quality” driven. Overall quantitative realisations in RSFF approvals, including the expected leverage effect, mostly exceeded initial targets, indicating a high demand for the instrument. From the interviews as well as the analysis, it can be expected that the demand for RSFF continues at relatively high levels.

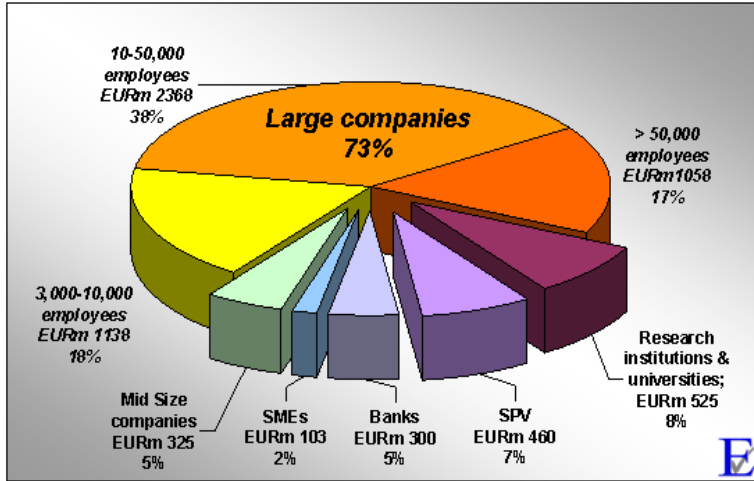
RSFF is a demand driven mechanism on a “first come, first serve basis” and as such there are no legally binding obligations to produce a fully balanced portfolio, neither by country, nor by sector. A wide country diversification for RSFF loans was achieved, but a more active prioritisation on countries with so far lower or no RSFF participation could be envisaged. The success of RSFF so far with a concentration on sectors, in which the Bank had significant activities, proved the right choice for a fast deal flow. At the same time, the RSFF sector focus could be enlarged at mid-term to include sectors which have not yet been considered and/or which have a relatively high RDI intensity and spending (for instance key enabling technologies, strategic energy technologies, knowledge intensive services etc).

All envisaged target groups could receive RSFF funding, however to a varying degree, since large companies dominate the portfolio (in volume terms). Specific RSFF barriers are evident, in particular as regards SME financing either directly or through bank risk-sharing formulae, as well as for research infrastructures and universities. There is a distinct trade-off between loan quantity and complexity of an operation with subsequent resource implications, which restricts the new product development.

4.3.3 RSFF target group distribution

Given its objectives, an important analysis refers to the customers of RSFF loans. The vast majority of companies benefiting from RSFF approval were first time clients for the EIB. The main target groups for RSFF financing have been defined as: a) Mid-sized and large companies, b) SMEs, c) Research Institutes, d) Special purpose vehicles, e) Promoters of research infrastructures, particularly of European interest. No specific distribution between the target groups was fixed at the beginning of RSFF.

Graph: RSFF approved loan amounts – distribution by target groups (total)



By project number, the respective shares are 63% for large companies, 13% for mid size companies and 24% for others.

NB. Applying the EC definition with regard to employment levels (at appraisal) – SME < 250 employees, Mid Size Company 250 – 3000 employees, large company > 3000 employees.

Conclusions:

All envisaged target groups could be addressed, but with distinct variations:

- 73% of all RSFF loans are made to large companies. Both their absolute (see above) as well as their relative importance (from 57% in 2007 to 76% in 2009) have increased over time.
- Mid-size (mid-cap) companies account for 5% of the total portfolio, while the share for SMEs is 2%.
- Special purpose vehicles, such as specific project finance deals, in particular in the renewable energy sector, account for some 7% of the total portfolio.
- Research institutes and universities have gained in importance only in 2009.
- Risk sharing partnerships with banks have declined in relative importance for reasons outlined below.

From the above a number of reflections can be made, which go to the heart of RSFF target groups and the discussion since the inception of RSFF.

Mid-sized/large companies and SPVs: A number of enterprises have been first time clients with the Bank and this target group accounts for the lion's share of RSFF financing. In most cases they have well established processes to deal with national and international banks. For an RDI facility like RSFF, large companies, as key drivers for RDI development in Europe, can not be ignored. They are not only eligible under the FP 7 for grant finance, but have also been approved as eligible counterparts under the EC window.

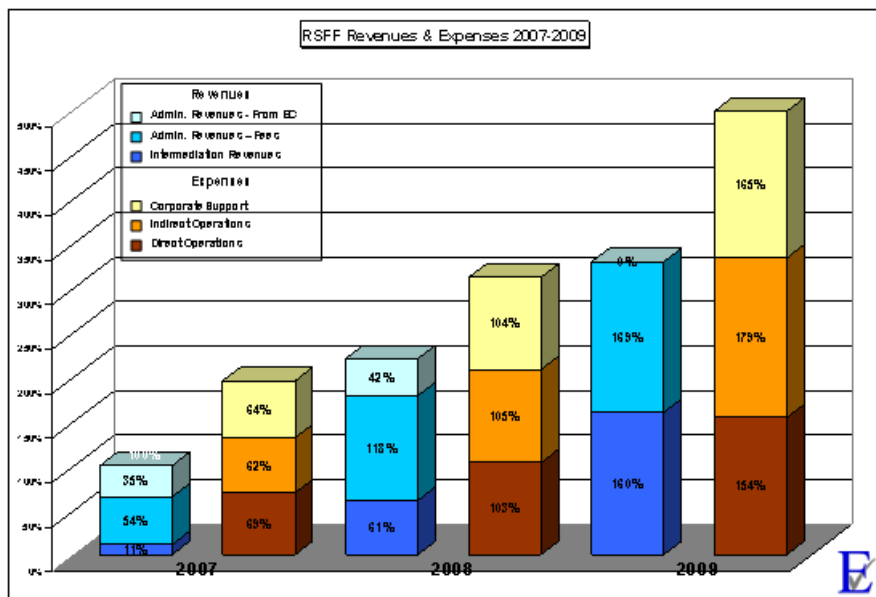
Looking at the RSFF portfolio, there is a growing number of loans to large companies, which as a result of the crisis have become sub-investment grade. These companies would normally not have become clients of the RSFF in a non-crisis context. In the aftermath of the crisis, they might consider refinancing the deals and in more general terms, these counterparts might no longer be RSFF customers.

SME financing: There are significant difficulties with the direct financing of SMEs under the RSFF and the question of replicability of this type of operations arises. Without a full and genuine commitment on both sides, the legal and administrative requirements are in many cases too heavy and not appropriate for SME lending (see box). This message has also been voiced by a number of larger companies. In addition, a further complication is often that SME type promoters are relatively small and not used to providing information amendable to conventional financial due diligence. There is a clear trade-off between volume and SME financing with significant resource implications. RSFF does not seem to be the right instrument to address SMEs directly, but other EIB facilities

The RSFF-specific cost accounting increases internal administration significantly.

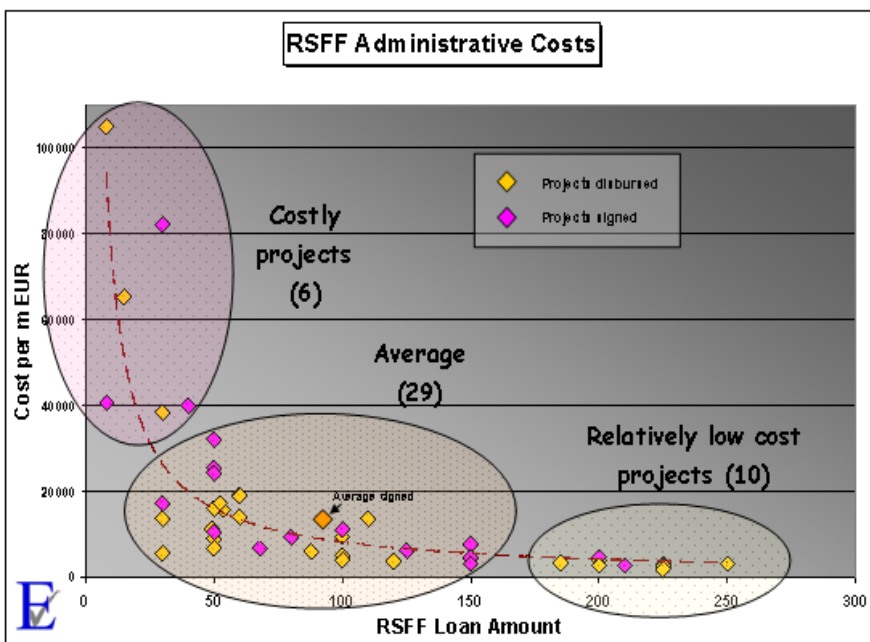
b) Revenue and cost development over time

The different revenue and cost developments over time can be presented only in percentage terms due to confidentiality reasons. The development and split is presented in the graph beside and is normalised considering total revenues in 2007 as the basis (100%)¹⁹. RSFF is covering direct and indirect cost, but does not fully cover corporate support. The relative importance of fee income is increasing significantly (54% of total revenues in 2007 – 118% in 2008, 169% in 2009).



N.B. direct cost: lending departments indirect cost: other operational departments to support lending function

c) cost of the operation per EUR million signed/disbursed



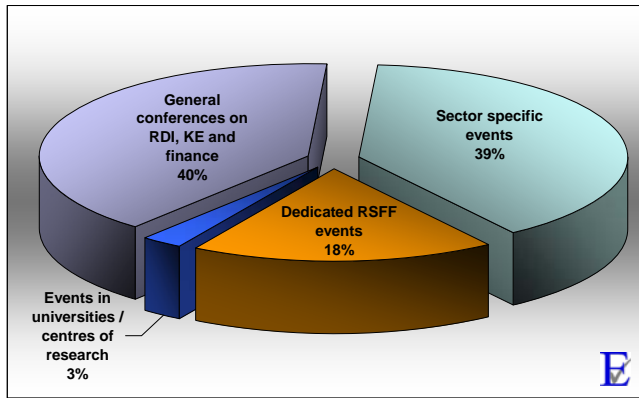
This graph presents the cost per m RSFF loan signed/disbursed for 45 projects, which range between 1,832 to 105,003 EUR. Notably the two most expensive projects signed/disbursed relate to two projects with SMEs. For the cluster “average”, a RSFF signature (EUR per m loan signed) is roughly twice as costly as the standard EIB signature for 2009. When considering all the RSFF projects, this figure increases 3.5 times.

d) future orientations

The RSFF agreement in its present form does not fully reflect real cost coverage. In view of the current discussions with the EC on a general agreement on EIB/EC partnerships, the RSFF agreement could be reviewed accordingly. The EC contribution could take different forms, including a fee based approach, which could facilitate the internal management of the facility.

¹⁹ Revenues do not consider risk premium for UEL and EL.

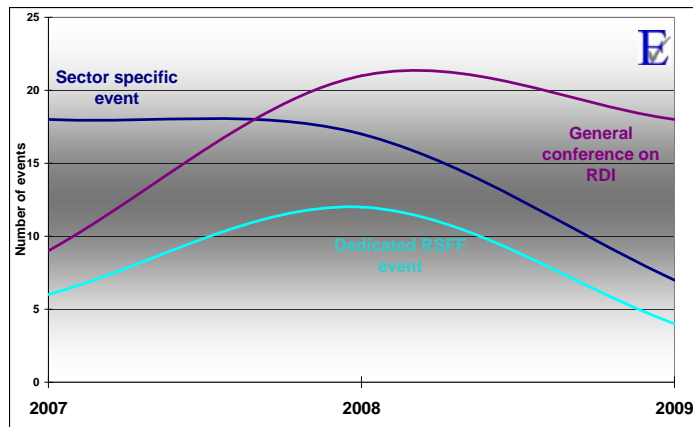
5.3 RSFF AWARENESS RAISING – DISSEMINATION EFFICIENCY OF BOTH EU AND EIB



Awareness raising support to the RSFF instrument has been developed continuously since 2007 by four different means, ranging from the least to the most interactive: internal communication actions (presentations to staff and external offices), specific brochures and web pages, conferences and road shows targeted towards a specific audience, as well as specific RSFF workshops. The performance of these tools can be assessed by analysing their two likely effects: A direct effect, which concerns a short term consequence of an event, i.e.

its immediate capacity to attract new projects and promoters, and an indirect effect, which consists in the creation of permanent communication flow spread in order to improve the understanding of the instrument and maintain the mutual relations of the actors involved. Mainly addressed through the first two categories of tools mentioned above, it would only be visible in the longer run.

Between 2007 - 2009, a total of 112 “RSFF events”²¹ have taken place. The trend has slightly decreased from 35 events in 2007 to 28 in 2009. 20 events were fully dedicated for RSFF (18%), while the RSFF instrument has been mostly introduced at either a general conference on RDI, Knowledge Economy and finance or during a sector specific event (8 out of 10). A limited number of events have taken place within universities or centres of research (but of course representatives of each of these two institutions attended other events). A maximum of dedicated events took place in 2008, at a time when it was especially useful to raise awareness, with a total of 12 events, which corresponds to an occurrence of once a month.



An important proportion of events have been organised either by the EC, the EIB or by both jointly (43%), while the events managed by professional associations represent more than one third and are now as important as the first category .

When focusing on the 24 core portfolio projects that have been covered by site visits and phone interviews, many projects were initiated by a bank or a financial intermediate or through a previous relation between the promoter and the EIB (see chapter 8). Seven companies (29%) stated that they had a good overall awareness of RSFF instrument, 12 said that their knowledge of the instrument was limited ex-ante, while 21% of our sample didn't know anything about RSFF, which is not very surprising considering that at the time of their appraisal the awareness campaign was still at a very early stage.

Awareness campaigns have already yielded positive results, but still more needs to be done to fully complement the increasing financing under RSFF and to reach even more companies, in particular new counterparts. Press releases for each RSFF project could usefully support this.

²¹ «Awareness events » are defined as any kind of occasion where the RSFF instrument was presented to an external public audience and which have been officially recorded. Besides these events there have been numerous more informal discussions and presentations about the RSFF at working level (also including contacts with the EC RTD), which have not been considered as official awareness raising events.

The financial advantage of the loan, the long maturity or ability to match currency (and avoid exchange risk), the ability to diversify funding sources and the catalytic effect on the confidence of other funders seeing EIB involvement came up repeatedly as drivers for taking EIB finance. Indeed, various promoters reported a very high financial benefit when compared to alternatives; the EIB loan was critical for project facilitation in 11 out of the 24 cases.

Project 20: The RSFF operation was the second EIB operation with the promoter. While the first RDI operation of similar orientation was to be guaranteed by more than 40 banks, the second operation (project 20) was done as a direct RSFF operation.

Less importance was attributed to EIB's financial advice in structuring the deal or the signalling effect on similar projects. Although the professionalism of the EIB approach is appreciated it is not what draws in potential borrowers, who are much more focussed on the financial parameters listed above. In line with similar findings from evaluations within the EU, no significant contribution in terms of advice, technical assistance or improvements in practices as a result of EIB involvement have been reported (however see section 8.2 below for the effect of specific due diligence on their RDI practices).

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8.2 SPECIFIC RSFF CONTRIBUTION

A number of aspects have already been reported in chapter 3.4. All promoters were asked whether the RSFF loan finance has been used for demonstration projects exploiting RDI results which had received FP grant funding for RDI at their earlier stage. Half of the all project promoters interviewed (12) benefited from (certain) initial grant funding from the framework programme for the projects, while the other half did not and the responses suggest that their may be barriers to achieving a larger grant share.

A number of promoters were unaware or had no specific experience in accessing the available international/EU support schemes. While acknowledging that some of the highly sensitive research activity might not be subject to any grant applications, due to confidentiality issues, a suggestion for the EIB was raised to provide, as the EU house bank, more information and possibly contacts on specific EU/EIB loan/grant blending possibilities.

Several respondents said they avoided the FP grant programmes because the administrative burden was too high for the small amounts on offer and the obligations for sharing information with the EC and other partners raised confidentiality concerns. Some of those who did pursue such grants also indicated that the amounts available would not in themselves justify the workload of the application process, but they pursued the grants in order to get together with research partners. A few seemed to see public grant money as linked to and appropriate for fundamental research, whereas the RSFF was more suited to larger downstream research programmes. Getting promoters to use the two together may prove to be a challenge.

Another question put to promoters was whether they viewed the RSFF as a new product on the market. The answer depended in part on that company's past experience with the EIB and other banks. Those who had acquired corporate loans in the past from commercial banks did not view the RSFF as new to the market, but rather as a new product for the EIB. They tended to compare RSFF terms with those of alternative corporate loans and make their decisions based on rates and maturity, though they appreciated the fact that the EIB had moved away from guarantees and intermediated loans – in essence welcoming the introduction of the RSFF. Others considered a facility specifically aimed at RDI as innovative and reacted positively to its existence.

Project 8: The RSFF loan provided by the Bank was the "right product at the right time". It ideally fitted with the investment needs and profile of the promoter. The promoter's funding was only short term debt financed and no specific R&D financing window was available to them. The RSFF product was considered both as new and innovative for this mid-cap company. It provided stability to its R&D funding and a clear and focussed dedication of the promoter towards the R&D projects. The significant amount provided a highly appreciated long term funding diversification to the promoter. The entrance of a large EU bank into the funding structure of a mid-sized company provided a stamp of approval to the promoter and gave comfort to the partner banks (at the time of appraisal).

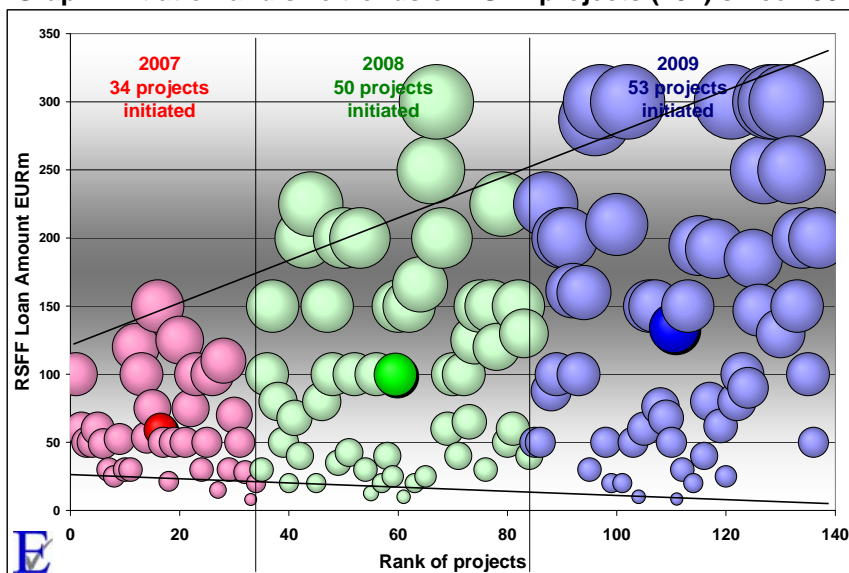
consistently. There are clear resource implications from the shift to riskier operations. A different approach is required for RSFF operations (e.g. stricter reporting conditions in the contract and consequently enhanced monitoring) when compared to what is appropriate and feasible for standard loan products, and even more resources to monitor, both physically but in particular financially, are needed.

So far, the RSFF has provided very good quantitative and qualitative results and has been given close attention by the services. Under a growth or stabilisation scenario at high level, every loan officer has lending targets and has to make a choice between a complex and possibly small RSFF project or the larger non RSFF one. At the same time, even though RSFF operations are often more difficult to establish, there could be a tendency that an RSFF loan is rated highly internally, but a comparable operation with a better rated company, contributing at least similarly or even more to the achievement of the Lisbon agenda, is considered as “sub-standard” or not as interesting.

From a more general perspective, the Bank might need to reflect on the set-up of its partnerships with external institutions, and in particular with the Commission. All of them have their specific requirements, which seem to differ substantially from one facility to the other. Even though this mid-term evaluation looked only at one specific facility, it seems appropriate to review and streamline, reporting, monitoring and accounting principles to the extent possible, in particular for the Commission partnerships.

The next graph shows the development and general trend of RSFF loan amounts over the years for the entire portfolio of 137 projects, illustrating increased initiation and average RSFF loan amounts. Both the scope and the width of distribution (“reverse funnel effect”) have widened. The distribution ranged (in EUR m) from 8 to 150 in 2007 and from 8 to 300 in 2009. Along these lines, while the average size of RSFF projects is growing over time, the smallest projects do not disappear at all.

Graph: Initiation and size trends of RSFF projects (137) since 2007



9.1 RSFF PROJECT CYCLE MANAGEMENT – A CLIENT PERSPECTIVE

The 24 promoters with disbursed RSFF loans have been contacted to examine the Bank’s RSFF loan performance from a client point of view. The interviews were structured to inquire about the general level of satisfaction with the EIB project cycle management and whether a possible follow-up project was in the pipeline, which can be seen as an indicator for client satisfaction. Specific questions were asked regarding the different phases of the project cycle. A general open question was included to assess any further suggestions.

EUROPEAN INVESTMENT BANK OPERATIONS EVALUATION (EV)

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Within EV, evaluation is carried out according to established international practice, and takes account of the generally accepted criteria of relevance, efficacy, efficiency and sustainability. EV makes recommendations based on its findings from ex-post evaluation. The lessons learned should improve operational performance, accountability and transparency.

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6. The impact of EIB Borrowing Operations on the Integration of New Capital Markets. (1999 – available in English, French and German).
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18. EIB financing with own resources through global loans under Mediterranean mandates (2005 - available in English (original version) German and French.)
19. Evaluation of EIB Financing of Railway Projects in the European Union (2005 - available in English (original version) German and French.)
20. Evaluation of PPP projects financed by the EIB (2005 - available in English (original version) German and French).

EUROPEAN INVESTMENT BANK OPERATIONS EVALUATION (EV)

21. Evaluation of SME Global Loans in the Enlarged Union (2005 - available in English (original version) and German and French.)
22. EIB financing with own resources through individual loans under Mediterranean mandates (2005 - available in English (original version) and German and French.)
23. Evaluation of EIB financing through individual loans under the Lomé IV Convention (2006 - available in English (original version) German and French.)
24. Evaluation of EIB financing through global loans under the Lomé IV Convention (2006 - available in English (original version) German and French.)
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41.)
42. Evaluation of Operations Financed by the EIB in Asia and Latin America 2000 and 2008 (2009 – available in English (original version) Spanish and French).
43. Evaluation of Operations Financed by the EIB in Neighbourhood and Partnership Countries between 2000 and 2008 (2009 – available in English).
44. Evaluation of Special Dedicated Global Loans in the European Union between 2005 and 2007 (2009- available in English).
45. Evaluation of i2i Information and Communication Technology (ICT) projects (2009- available in English).
46. Evaluation of Activities under the Risk Sharing Finance Facility (RSFF) (2010- available in English).

These reports are available from the EIB website:

<http://www.eib.org/projects/evaluation/reports/operations/index.htm>

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