



Trend Chart on Innovation in Europe

GR 8

General presentation of the measure/scheme/action/regulation

Country

Greece

Geographical coverage, national or regional (state region)

(National)

Title of the measure

Programme for the Development of Industrial Research & Technology (PAVET) / Πρόγραμμα Ανάπτυξης της Βιομηχανικής Έρευνας και Τεχνολογίας (ΠΑΒΕΤ)

Information Source/Reference

General Secretariat for Research and Technology (GSRT) - Ministry of Development.

Overview (nature, main goals)

It was the first programme of the GSRT named PAVE and introduced in 1986. A call for proposals is launched regularly on a yearly basis. The main goals of the programme were: a. Modernisation of companies and the improvement in their competitiveness through the development of new or improved products/production processes, the support of innovation and the adaptation of traditional sectors to technological change, b. Co-operation between productive companies and research centres, c. Improvement of the employment of new researchers in productive companies, d. Rising the awareness of companies on the importance of R&D. During the last call in autumn 2000, the programme is renamed to PAVET 2000 to denote a more applied nature and funds activities, which concern applied and technological research and technology innovation, in any productive sector. A new feature appears in January 2001 with the PAVET-NE version. A call for proposals addressed to start ups (firms younger than 3 years old) was launched in January 2001. Its aim was to reinforce industrial research and innovation in young companies.

Action Plan objective addressed by measure

III.2. Strengthening Company Research

III.4. Co-operation Research/Universities/Companies

Administering agency

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Description of Scheme General Information

Reference to legal basis (e.g. act, public document, ...)

Its rules has been introduced by the Presidential Decree 558/85 and amended by the P 434/88 and from 2001 by the Presidential Decree 274/1.10.2000. The last calls (2000 – 2001) are in the framework of the Operational Programme "Competitiveness" of the Ministry of Development.

Does the measure receive central funding or regional funding?

Central

Start date

1986

Expected date of completion

PAVET 00 - 2002 and PAVET – NE - open ended

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Previous measure (name, date, links with the current measure)

None.

Reasons for launching/modifying the new measure

To develop industrial research, to exploit research results and to promote technological innovation by funding projects that will be implemented in Greece. PAVET – NE was launched in order to reinforce research in start up enterprises.

Have any of the main features of the measure/scheme/action/regulation changed during its implementation

During the call launched the year 2000 the name of the programme changed from "Programme for the Development of Industrial Research (PAVE)" to "Programme for the Development of Industrial Research & Technology (PAVET)". During this call the limit for subcontracting (50% of the budget) was abolished. The financial, and eligible costs rule changed by a new Presidential Decree signed in autumn 2000, to allow for the inclusion of small companies, the change of eligible cost categories and the reduction of the evaluation and paying off duration. This Presidential Decree will be first implemented in the PAVET NE call. The last call of the PAVET programme (PAVET - NE, 1/2001) only addresses start up enterprises, with higher incentives than in the general call (ie. the guarantee that must be submitted, in order to be given the GSRT contribution, is 5% while in PAVE 2000 was 20%). Earlier the programme was broken down into PAVE A and B supporting R&D and innovation respectively, in an effort to differentiate criteria and facilitate companies without research ambitions to innovate.

What is the predominant role of the government?

Provider of co-funding, administrator.

Organisation and Implementation**Organisation and Structure**

A call for proposals is launched almost once a year, since 1986. Within the framework of EPET II, there have been four calls for proposals for PAVE (PAVE 94, PAVE 96, PAVE 98 and PAVE 99). The proposals, including general information on the company, the research team and an extensive description of the project and the methodology, were submitted to the GSRT, accompanied by a set of documents on the identity and performance of the proposer. The proposals were ex ante evaluated by committees of experts with the participation of the Federation of Greek Industries. Emphasis was given to confidentiality. The approved proposals were subsidised by GSRT who monitored the implementation of the project. In the beginning, the programme was financed by national resources, and later it was co-financed by EU funds, initially under the STRIDE programme and later under the 1st and the 2nd CSF. For PAVE 99 the maximum duration of the project should be up to 18 months. Concerning the publications and exploitation of the results, the company has to indicate how to use the results not more than 6 months after the end of the project. The following data show the number of companies funded since 1989: 1989: 104, 1990: 100, 1992: 203, 1994: 129, 1996: 117, 1997: 157, 1999: 135, 2001: 163. A call for proposals was launched in October 2000. Proposals were submitted to the GSRT up to 31/10/2000 in order to be evaluated. The General Secretary for Research and Technology established the evaluation committee, in which a representative of the Federation of Greek Industries is participating without voting. The evaluation committee consists of three or five members in order to cover all the thematic sectors. Finally 163 proposals were accepted to be funded. The total duration of each project is up to 24 months. An call for proposals for PAVET – NE was launched in January 2001. Proposals are submitted to the GSRT in order to be evaluated. The GSRT establishes the evaluation committees, in which a representative of the Federation of Greek Industries or of the Commercial and Industrial Chambers' Union is participating without voting. The evaluation committees cover all the thematic sectors.

What are the criteria for eligibility?

The evaluation criteria for the 2000 call are: a. Severity and trustworthiness of the company and its ability to support the project administratively and organisationally. b. Company's ability to exploit research results. Prospective economic results of the project and implementation plan for the results. Degree of exploitation of the past R&T results. c. The technological, productive and commercial importance of the project in relation to its cost. The innovative character of the product and of the process. Social and environmental benefits. d. Ability to implement the project in relation to the proposed method and personnel experience. e. Total budget and budget distribution between bodies. After the evaluation process a 20% bonus will be given to companies that are not established in Attica or Thessaloniki region (taking into consideration that the establishment was made at least 1 year ago). For the PAVET – NE programme start up firms only (less than 3 years old). They should not be related capitally with other already established and operated enterprises. A necessary condition for a proposal evaluation in the framework of the PAVET – NE programme is the harmonisation to the rules and to the targets of the call, the research and development character of the proposal and the new jobs creation, which are referred to research and technological development activities. Only one project per enterprise can be financed. Projects that have already been financed by other public

resources could not be financed by the PAVET programme. The evaluation criteria for the PAVET – NE call are the five criteria of PAVET 2000 programme mentioned above.

What is the mode of delivery of the measure?

The measure is delivered as a competitive grant. For the 2000 call the 50% of the public contribution was given at the beginning of the project and the rest 50% 12 months later. For the new jobs the GSRT contributes from 50% to 70% of the salary cost and for old staff up to 25%. For equipment the GSRT contributes up to 50%, for consumables up to 30% and for other costs up to 30%. If the research centre is a subcontractor, it can be financed by the GSRT up to 50%. The PAVET – NE programme is also delivered as a competitive grant. When the evaluation procedure ends, the General Secretary decides the funding of the proposals with high scores (the level depending on the available fund). An advance payment of 50% of the public contribution is given in the beginning of the project. The GSRT contributes for new jobs for up to 80% or 50% if there is a contract for subcontracting a specific work. For existing staff the contribution is up to 30%. For equipment and consumables the GSRT contributes up to 50%, for promotion expenses regarding the research results and for other costs up to 30%. If a research centre is a subcontractor, it can be financed by the GSRT for up to 50%, while the rest is matched by the enterprise. The total duration of each project cannot exceed 24 months.

Financing : Overall budget allocated to the measure

The total budget for PAVE programme under the EPET II project (1994-2000) is : 23,76 bil Drachmas (69,88 mil Euros) from which 10,753 bil Drachmas (31,63 mil Euros) is the public contribution. The total budget for the following calls was: PAVE A' 94 - 3,929 bil Drachmas (11,55 mil Euros), PAVE B' 94 - 1,320 bil Drachmas (3,88 mil Euros), PAVE C' 94 - 4,741 bil Drachmas (13,94 mil Euros), PAVE 97 - 7,394 bil Drachmas (21,75 mil Euros), PAVE 99 - 6,375 bil Drachmas (18,75 mil Euros), PAVET 00 - 10,151 bil Drachmas (29,79 mil Euros), PAVET - NE - 6 bil Drachmas (17,61 mil Euros).

Financing : expenditure per year

For PAVE 99 programme the GSRT's contribution per year was: 1999: 315.746.500 Drachmas (926 thousand Euros) and between 1/1/2000-30/9/2000: 1.238.618.354 Drachmas (3,6 mil Euros).

Financing : other budgetary sources (additional financing)

None.

Results

Result Measurement

What are the main indicators for the measurement of the results ?

Number of companies participating, contribution of the research project to the competitiveness of the participating firms, contribution to focusing industrial research in specific areas of interest to the Greek economy. The technical annex of the PAVET - NE programme, which will define the indicators for the specific sub-programme is under construction.

Where an evaluation has taken place, what were the main results achieved?

The first evaluation of the programme was accomplished in 1994, and concerns the first period when PAVE was running as a pilot programme. The second evaluation was accomplished in 1999, considering the programme as one of the major tools of the development of research in Greek enterprises. Yet, overall the effectiveness of the programme was not considered satisfactory and it seems that, comparing PAVE, with similar European Programmes, the performance gap is increasing. Interdisciplinarity, which was a target, was not achieved. The evaluators recommended strongly a better focus on both disciplines and types of research to address in the future.

If no official evaluation has been undertaken, have there been any indicators of success?

There was an official evaluation.

Observations

Which mechanisms seem to function well in the measure?

The sensitisation of some companies.

Which mechanisms seem to be less successful in the measure?

The time elapsing for the ex ante evaluation and the administrative arrangements. This feature seems to be improving over time.

Are there any other measures planned or in operation as a follow up to this measure? Direction of the planned measures? Objectives? Target groups?

All recent GSRT programmes aiming at university-industry research co-operation follow parallel targets to PAVET.

