Task 3.5 Evaluation of the ERA-PG research programme

D3.4 - Evaluation report on impact/ European added value of ERA-PG

Marta Abrantes (FCT)

ERA-CAPS

ERA-NET for Coordinating Action in Plant Sciences

1st ERA-CAPS Grant-holders Workshop, 12th and 13th June 2014

Elements for the evaluation report

- Mid-term and End-term ERA-PG reports
  - Collaborations, human mobility and training
  - Dissemination

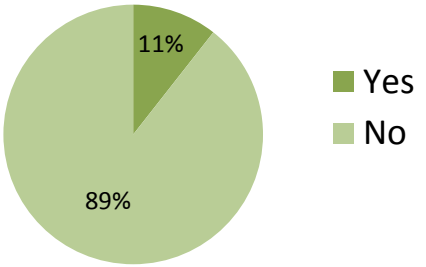
- Questionnaire for the ERA-PG Grant Holders:
  - International Collaborations
  - Products and Intellectual Property
  - Research Outputs and Impacts
  - Management

52.4% participation in the questionnaire; participants from all ERA-PG funded projects except four projects from the Call 2006B.

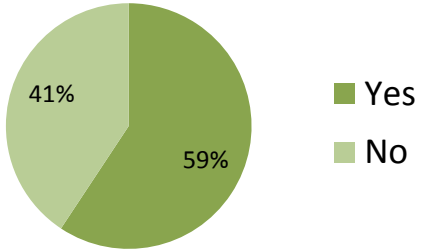
Overview of the results of ERA-PG Grant-holders questionnaire

International collaboration

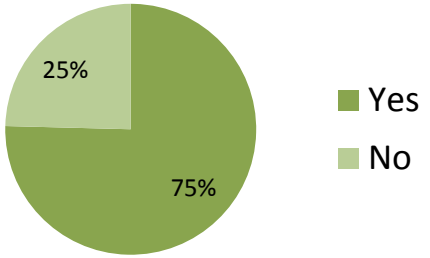
Did the consortium already exist before the ERA-PG project?
NO: 89%



Did any new transnational partnerships or networks develop as a result of your participation in ERA-PG, besides the ones with your ERA-PG project partners?
YES: 59%



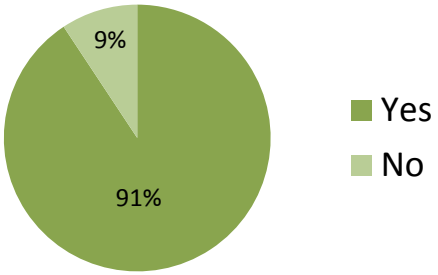
If your answer was yes, did the interaction continue after the project ended?
YES: 75%



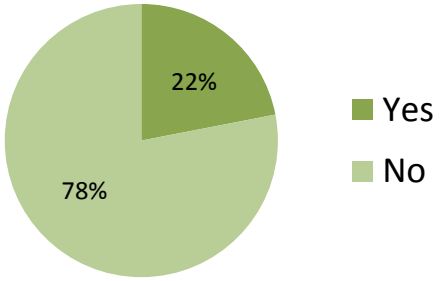
Overview of the results of ERA-PG Grant-holders questionnaire

International collaboration

About the partnerships with your ERA-PG project partners, did the interaction continue after the project ended?
YES: 91%



Would you be able to develop these partnerships/networks, developed as a result of the ERA-PG grant, through your national funded projects?
NO: 78%

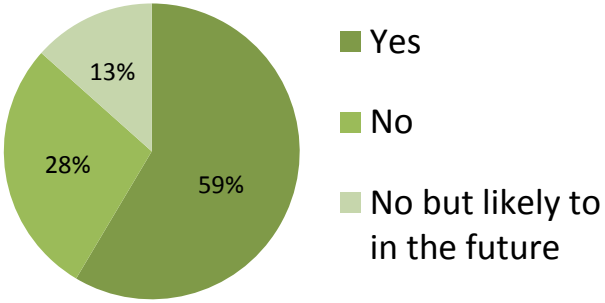


Overview of the results of ERA-PG Grant-holders questionnaire

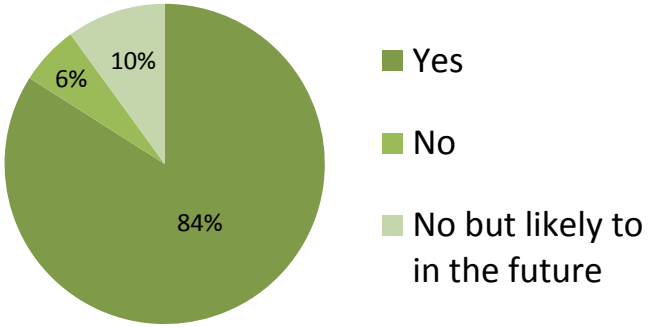
Products and Intellectual Property

Did any new products, processes or technologies result from your ERA-PG grant(s)? e.g. collections, reagents, software, databases, methodology **YES: 59%**

Mainly: new methods, new softwares, new cell lines and gene markers and transcriptomic data.



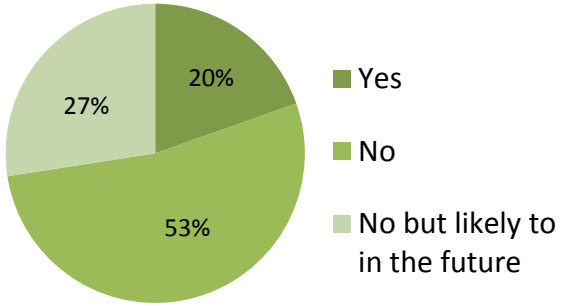
Is it accessible to others?
YES: 84%



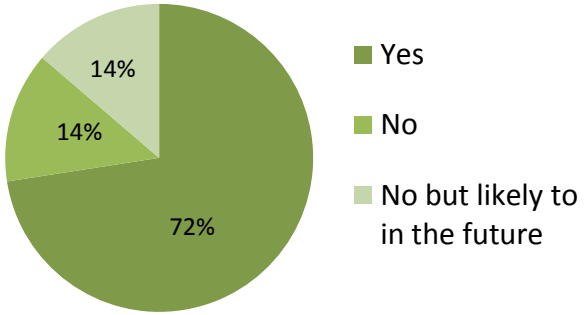
Overview of the results of ERA-PG Grant-holders questionnaire

Products and Intellectual Property

Is it commercially exploitable?
NO: 53%



Does it have an impact on research or on society?
YES: 72%

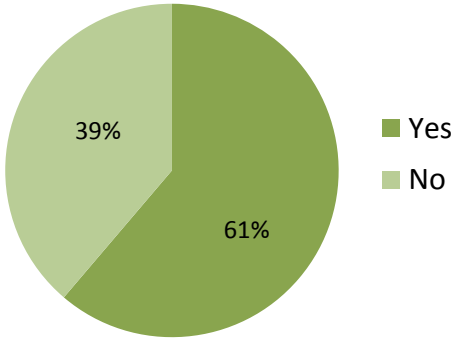


Comments:
New softwares and datasets freely available to scientific community; new marker genes/biomolecules useful for plant research; stress studies with impact on agricultural pratices; Patent applications of some genes.

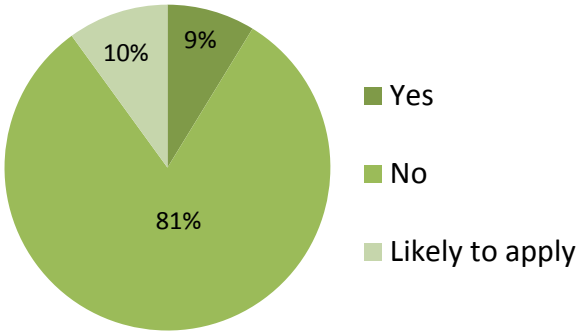
Overview of the results of ERA-PG Grant-holders questionnaire

Products and Intellectual Property

If you were able to develop new products, processes or technologies from your ERA-PG grant(s), would you be able to develop them within your national programs? **YES: 61%**



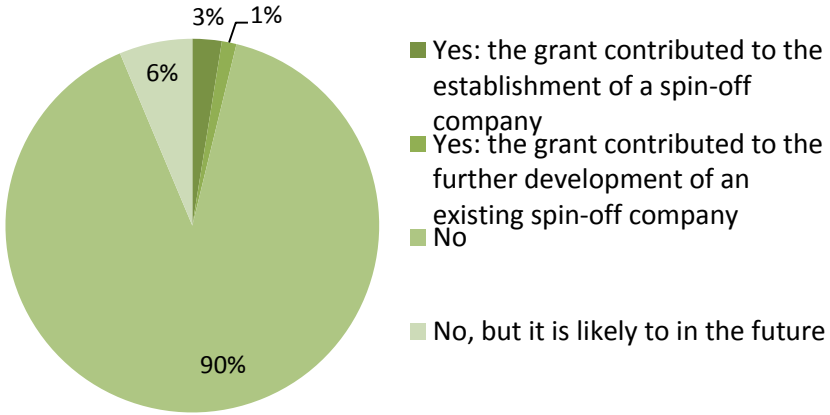
Have you or your colleagues applied, or are you likely to apply, for any patents, licenses/plant breeders' rights or other form of intellectual property (IP) rights as a result of the research supported by your ERA-PG grant? **NO: 81%**



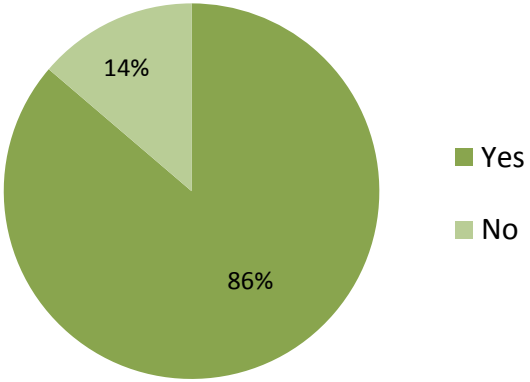
Overview of the results of ERA-PG Grant-holders questionnaire

Products and Intellectual Property

Did the ERA-PG grant contribute to the establishment or further development of a spin-off company? **NO: 90%**



Did the ERA-PG grant contribute to the development of new or existing plant genetic or genomic infrastructures, tools or resources? **YES: 86%**



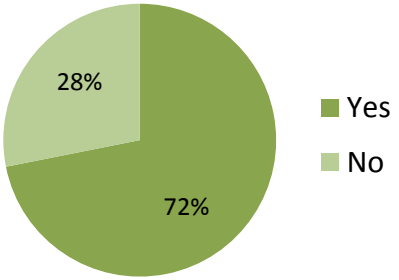
Overview of the results of ERA-PG Grant-holders questionnaire

Products and Intellectual Property

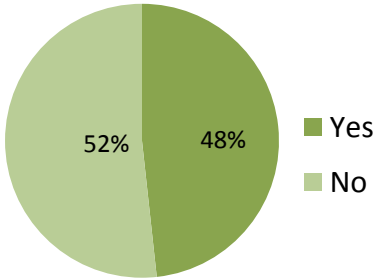
If the ERA-PG grant contributed to the development of new or existing plant genetic or genomic infrastructures, tools or resources:

Are these accessible to:	Internal researchers	100%
	National researchers	95%
	International researchers	94%

Have they been used by the wider plant science community? **YES: 72%**



Are these infrastructures, tools or resources unique in your institution? **YES: 48%**

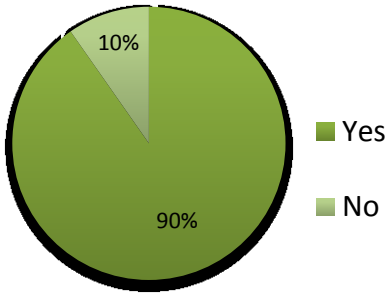


Overview of the results of ERA-PG Grant-holders questionnaire

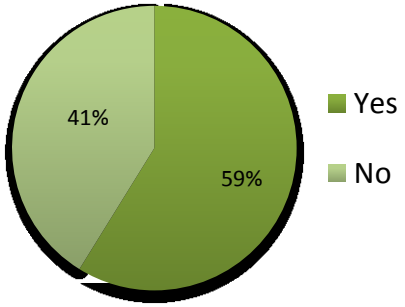
Products and Intellectual Property

Contribution of the developed infrastructures, tools or resources to the competitiveness of your research group

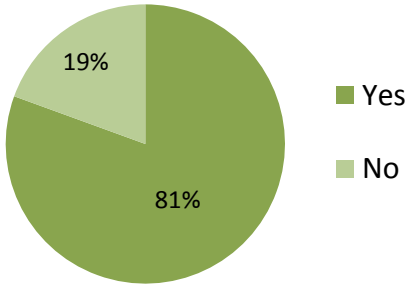
Did they contribute to perform more in depth studies which resulted in high quality publications? **YES: 90%**



Were they relevant to attract or retain more staff to join or stay in the lab? **YES: 59%**



Did they enable/contribute to obtaining more research funds? **YES: 81%**

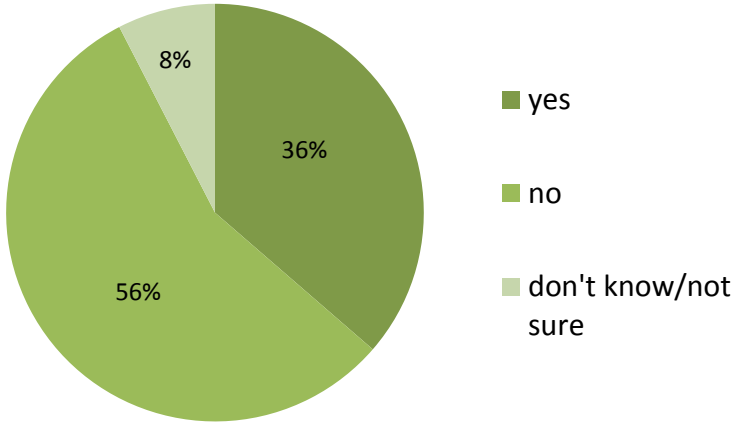


Comments: Novel projects were financed, based on ERA-PG data; Addicional research funding and addicional grants (e.g. ERC starting grant).

Overview of the results of ERA-PG Grant-holders questionnaire

Products and Intellectual Property

If the ERA-PG grant contributed to the development of new or existing plant genetic or genomic infrastructures, tools or resources, would you have been able to develop any of these infrastructures, tools or resources within your national research programs? **NO: 56%**

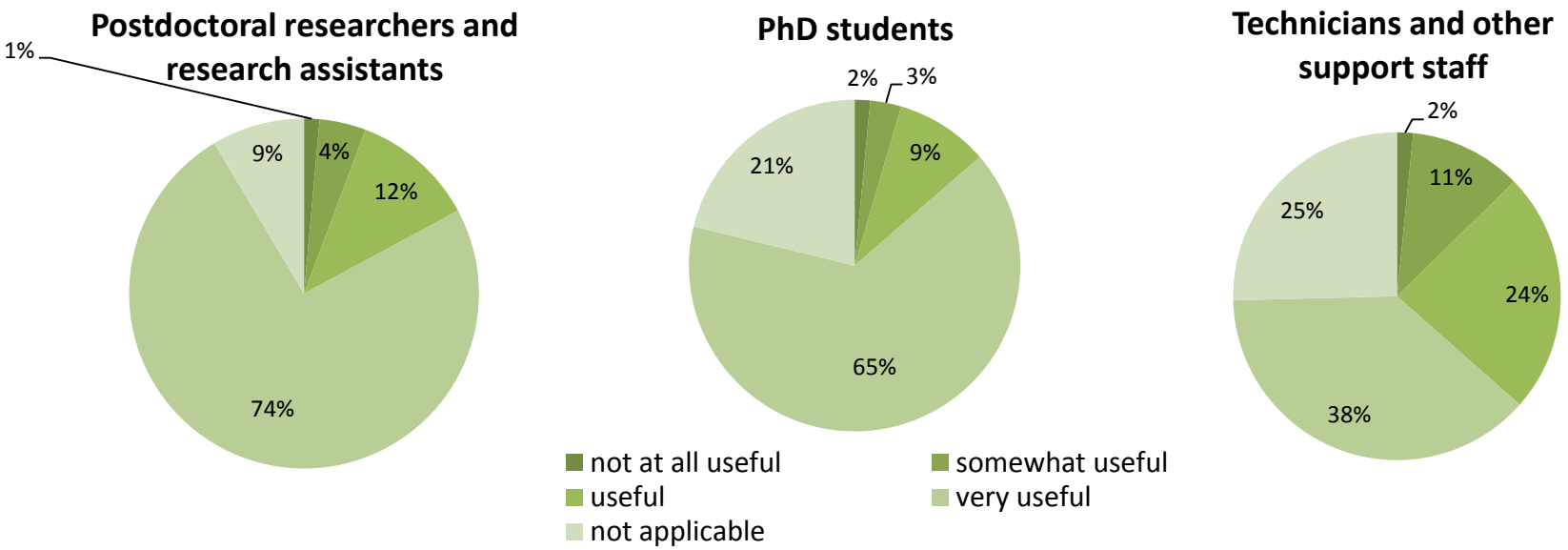


Overview of the results of ERA-PG Grant-holders questionnaire

Research Outputs and Impacts

Have you or your ERA-PG partners submitted any data to online databases as a result of this grant? e.g. transcriptomics, proteomics, metabolomics, or other large datasets.
YES: 58%

How useful was this grant for staff training in the field of Plant Sciences? **Very useful**



Overview of the results of ERA-PG Grant-holders questionnaire

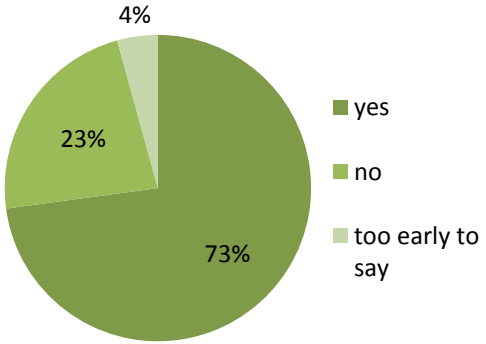
Research Outputs and Impacts

Opportunities for staff training that emerged from your ERA-PG grant and from national funded grants.

More training opportunities with ERA-PG grant: 65%

Did the training of young scientists (PhD students, post docs) lead to their long-term integration in plant labs?

YES: 73%



Are you aware of any specific academic or non-academic users who have used the findings, outputs or expertise developed during your ERA-PG grant(s)?

Academic users: 75%

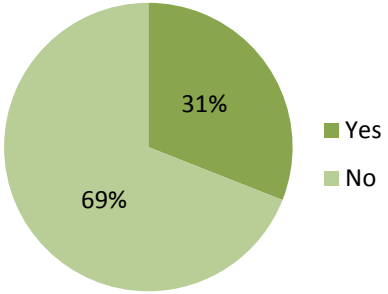
ERA-PG industrial partners: 31%

Other non-academic users: 20%

Overview of the results of ERA-PG Grant-holders questionnaire

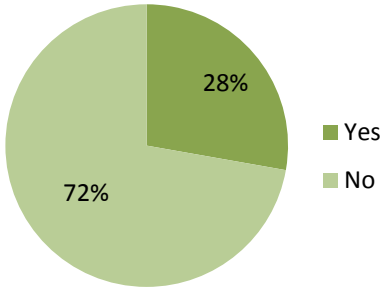
Management

Were there any tasks or deliverables of your ERA-PG project that were not completed? **YES: 31%**



Main reasons for not completing: experimental problems; too ambitious goals; short time of the project; problems with partners.

Did any extra activities occur during your ERA-PG project, planned by your consortium? (extra activities such as extra meetings, extra workshops or dissemination activities). **YES: 28%**



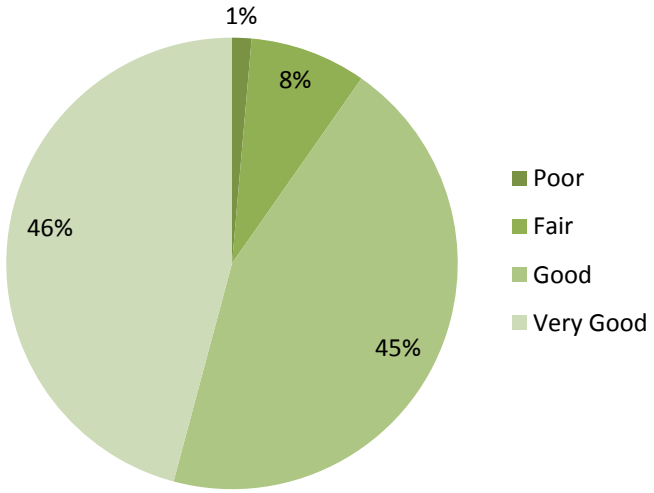
Main activities: Extra meetings for data exchange and discuss future collaborations and events; extra conferences and extra workshops for dissemination and within courses.

Overview of the results of ERA-PG Grant-holders questionnaire

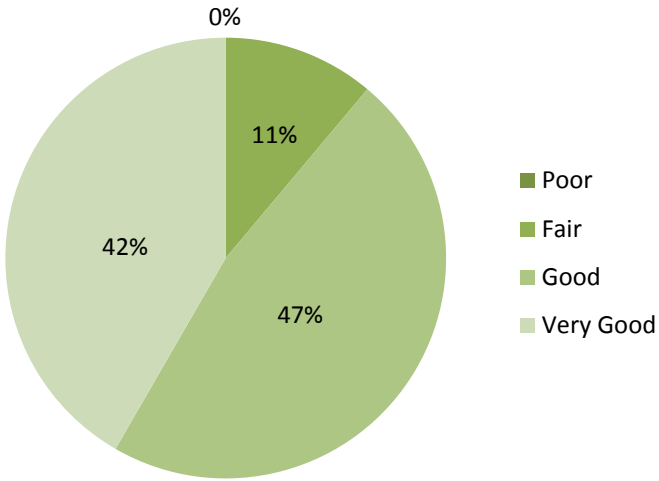
Management

How would you rate the management of **your** ERA-PG consortium?

Reporting between partners



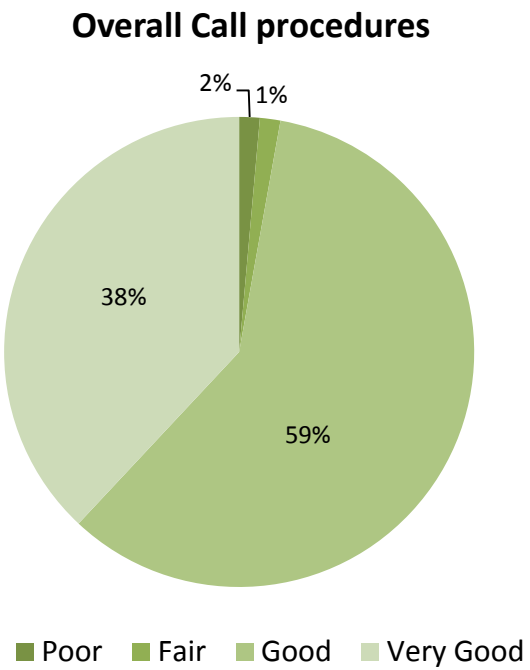
Problem solving

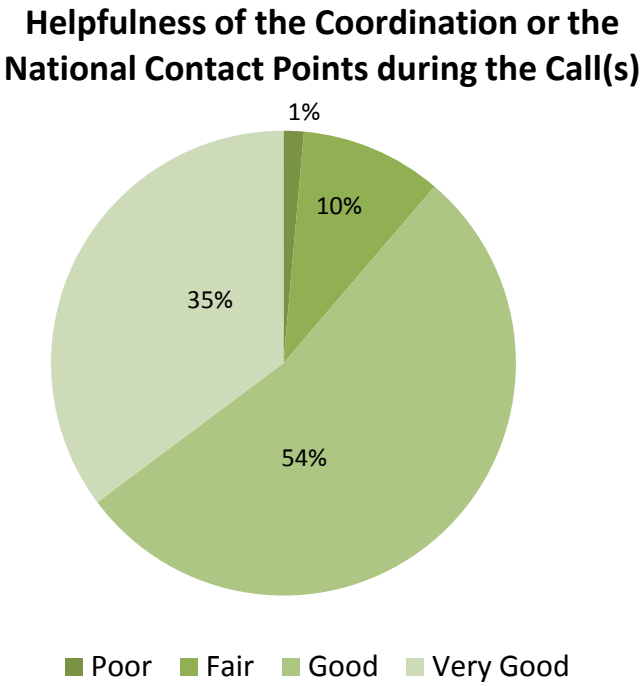


Overview of the ERA-PG Grant-holders questionnaire

Management

How would you rate the management of ERA-PG research program?

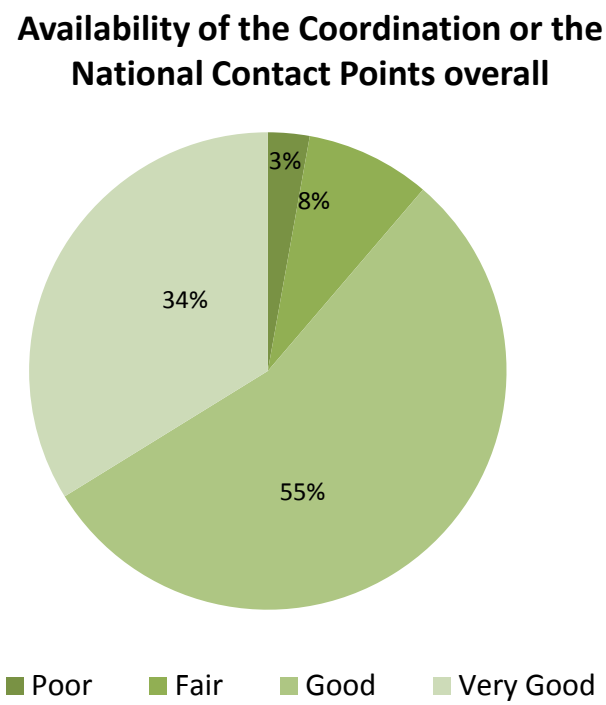


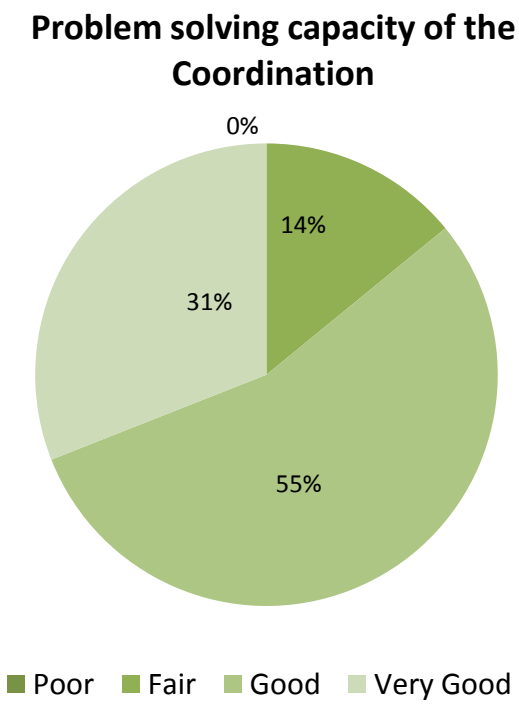


Overview of the ERA-PG Grant-holders questionnaire

Management

How would you rate the management of ERA-PG research program?





Overview of the results of ERA-PG Grant-holders questionnaire

Management

Main comments and suggestions for ongoing and future activities

Positive notes

- Very important source of support for plant science in Europe
- Very important to promote collaborations and interactions
- Low administrative obligations which leave more time for science, compared with other international projects

Room for improvement

- Budget increase
- Unequal contribution of funds per country makes incorporation of partner with small budget risky
- Check if same consortia is not supported all the time
- Longer projects for translational research

THANK YOU

Marta Abrantes
FCT - Fundação para a Ciência e a Tecnologia
Foundation for Science and Technology
Tel. +351 213911542
E-mail: marta.abrantes@fct.pt