

PRIVATE PUBLIC PARTNERSHIPS

Increasing ECPGR knowledge and opportunities on
Private Public Partnerships for the use of
Plant Genetic Resources for Food and Agriculture



Overview of PPP project and ECPGR PPP web pages

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PPP Workshop, 7–9 June 2017, Bonn, Germany

Overview

- Private Public Partnerships project background
- PPP survey
- Development of ECPGR PPP web pages
- Figures and comments regarding the PPP knowledge base
- Responses to questions about potential PPPs

PPP project background

Outcome 5 ECPGR Phase IX (2014-2018): “Relations with **users** of germplasm strengthened”

- Output 5.4: Improved collaboration with users in public and private sector
 - Achieved through “establishment of partnerships between genebanks and researchers”

AEGIS strategic framework: Opportunity to cooperate effectively on characterization, evaluation and research across the range of geographic zones

PPP project background

ECPGR ExCo recommendation: Collect information about PPPs

Voluntary contribution from Germany



PPP project: “Increasing ECPGR knowledge and opportunities on Private Public Partnerships for the use of Plant Genetic Resources for Food and Agriculture”

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PPP project background

Main activities

- Survey of Private Public Partnerships in Europe
- Development of dedicated ECPGR web pages
- Organization of a workshop on PPPs in Europe
- Documentation of results

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PPP survey

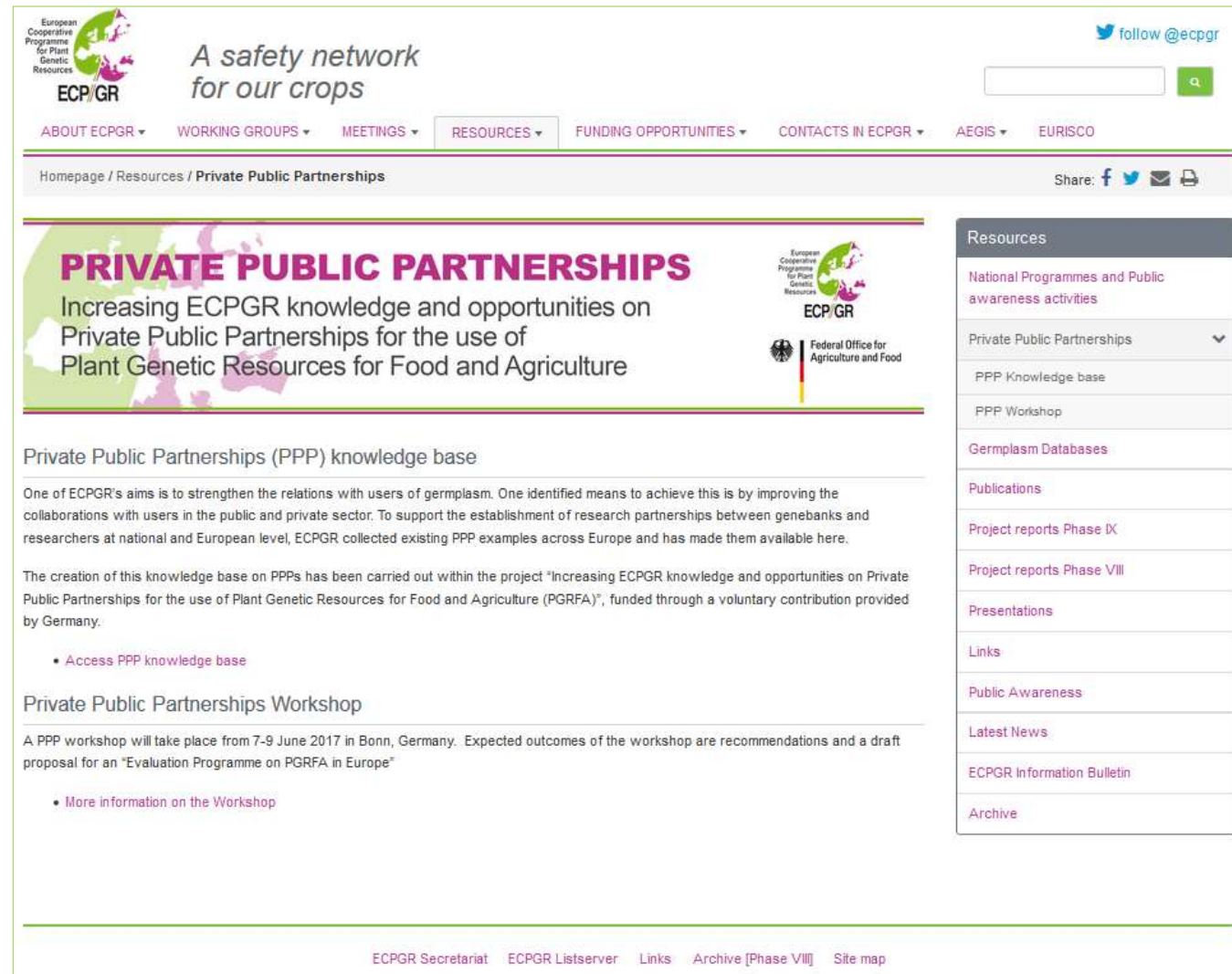
- Past, ongoing and planned PPPs on use of PGRFA at national and regional level in Europe
- Questionnaire
 - ECPGR steering committee members and observers
 - ESA members
- Literature and internet searches
- Direct contacts with individuals involved in PPPs

PPP survey

- Questionnaire
 - General information
 - Crops, traits, material
 - Partners
 - Purpose and coordination

Development of dedicated ECPGR web pages

- Logo
- Landing page
- PPP workshop page
- PPP knowledge base



The screenshot displays the ECPGR website interface. At the top left is the ECPGR logo and tagline 'A safety network for our crops'. A navigation menu includes 'ABOUT ECPGR', 'WORKING GROUPS', 'MEETINGS', 'RESOURCES', 'FUNDING OPPORTUNITIES', 'CONTACTS IN ECPGR', 'AEGIS', and 'EURISCO'. A search bar and social media links for Twitter (@ecpgr) are in the top right. The breadcrumb trail reads 'Homepage / Resources / Private Public Partnerships'. The main content area features a banner for 'PRIVATE PUBLIC PARTNERSHIPS' with the text 'Increasing ECPGR knowledge and opportunities on Private Public Partnerships for the use of Plant Genetic Resources for Food and Agriculture'. Logos for ECPGR and the Federal Office for Agriculture and Food are present. Below the banner, the page is titled 'Private Public Partnerships (PPP) knowledge base' and contains text about strengthening relations with users of germplasm. A link 'Access PPP knowledge base' is provided. The next section is 'Private Public Partnerships Workshop', mentioning a workshop from 7-9 June 2017 in Bonn, Germany, with a link 'More information on the Workshop'. A right-hand sidebar titled 'Resources' lists various items: National Programmes and Public awareness activities, Private Public Partnerships (dropdown), PPP Knowledge base, PPP Workshop, Germplasm Databases, Publications, Project reports Phase IX, Project reports Phase VIII, Presentations, Links, Public Awareness, Latest News, ECPGR Information Bulletin, and Archive. The footer contains links for 'ECPGR Secretariat', 'ECPGR Listserver', 'Links', 'Archive [Phase VIII]', and 'Site map'.

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Private Public Partnerships Knowledge base

This knowledge base provides information about Private Public Partnership (PPP) examples in Europe with a focus on use of Plant Genetic Resources for Food and Agriculture (PGRFA).

Search below for a PPP by selecting from the drop down lists or simply start typing in the field and select from the list that will be generated automatically while you type.

Alternatively browse through the PPPs listed underneath the search interface. Click on +More to view details about a specific PPP.

We will be glad to receive and include additional PPP examples. You can download the PPP form [here](#) (28 KB), write down the requested information about your PPP and email the form to the [ECPGR Secretariat](#).

Search PPP

Reset

Search

Resources

[National Programmes and Public awareness activities](#)

[Private Public Partnerships](#)

[PPP Knowledge base](#)

[PPP Workshop](#)

[Germplasm Databases](#)

[Publications](#)

[Project reports Phase IX](#)

[Project reports Phase VIII](#)

[Presentations](#)

[Links](#)

[Public Awareness](#)

[Latest News](#)

[ECPGR Information Bulletin](#)

[Archive](#)

Private public partnerships knowledge base

44 PPPs

Geographic coverage	
national	32
international	7
sub-regional (nordic)	5
National PPPs	
France	8
Germany	4
Spain	4
Belgium	3
UK	3
Italy	2
Slovenia	2
The Netherlands	2
Croatia	1
Czech Republic	1
Portugal	1

Private public partnerships knowledge base

44 PPPs

Crops	
multi-crop	5
fruit trees	3
barley	6
wheat	6
tomato	5
maize	4
Brassicae	3
carrot	3
grapevine	3
lettuce	3
oilseed rape	3
sunflower	3
lupin	2
oat	2
potato	2
zucchini	2

Private public partnerships knowledge base

- 65% state to have used material from gene banks
- Traits:
 - Disease and pest resistance (general or pathogen/pest specific)
 - Yield and yield related traits (potential, stability)
 - Quality
 - Nitrogen use efficiency
 - Abiotic stresses (general, climate change related or specified as drought tolerance, cold tolerance)
 - Taste

Private public partnerships knowledge base

Some statements about positive spin-offs

PGRFA

- New genetic resources and data for partners/breeders
- Increased exchange of material

Partners

- Learning from each other and understanding each other
- Strengthening of networks and collaboration

Private public partnerships knowledge base

Some statements about critical aspects

Coordination

- Setting priorities, clear goals, attainable targets among partners
- Recognized and legitimate leadership at the scientific and managerial levels
- Solid management
- Advisory board / steering committee of stakeholders

Private public partnerships knowledge base

Some statements about critical aspects

Partners

- Complementarities of public partners
- Trust and confidence among partners
- Common interest
- Clearly defined responsibilities

Responses to questions about potential PPPs

Which could be the crops of interest for potential PPPs?

- Same crop as ongoing PPP
- Additional crops for which the respondent organization has a mandate/collection
- Crops important for national economies
- Crops in which the private sector has an interest
- Crops with identified cropping challenges that require testing in multiple environments
- Minor crops not to fall through the cracks

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Responses to questions about potential PPPs

Which could be traits of interest for potential PPPs?

- Depending on crop
- Productivity
- Resilience
- Resistances
- Quality

Responses to questions about potential PPPs

Which type of action would be of interest among pre-breeding, field evaluation, phenotyping, genotyping, other?

- Phenotyping, high throughput phenotyping
- Genotyping, also GWAS, haplotyping
- Field evaluation

Responses to questions about potential PPPs

Which partners' expertise would you seek?

- Complementary expertise

Responses to questions about potential PPPs

Which are key requirements for you in order to get involved?

- Unrestricted use of procured and created plant material, data, tools, resources
- Sharing the knowledge and be open
- Funding availability
- Reliable partners, involvement of private sector/industry
- Well defined projects and little admin burden

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Thank you
for your attention!