

Progress on implementation of Phase IX

Lorenzo Maggioni

7th ExCo Meeting, Maccarese, 28-30 October 2015

Membership



31 signatures
(out of 37 budgeted
contributions)

-  Signatories of ECPGR Membership in Phase IX
-  Countries invited to join Phase IX

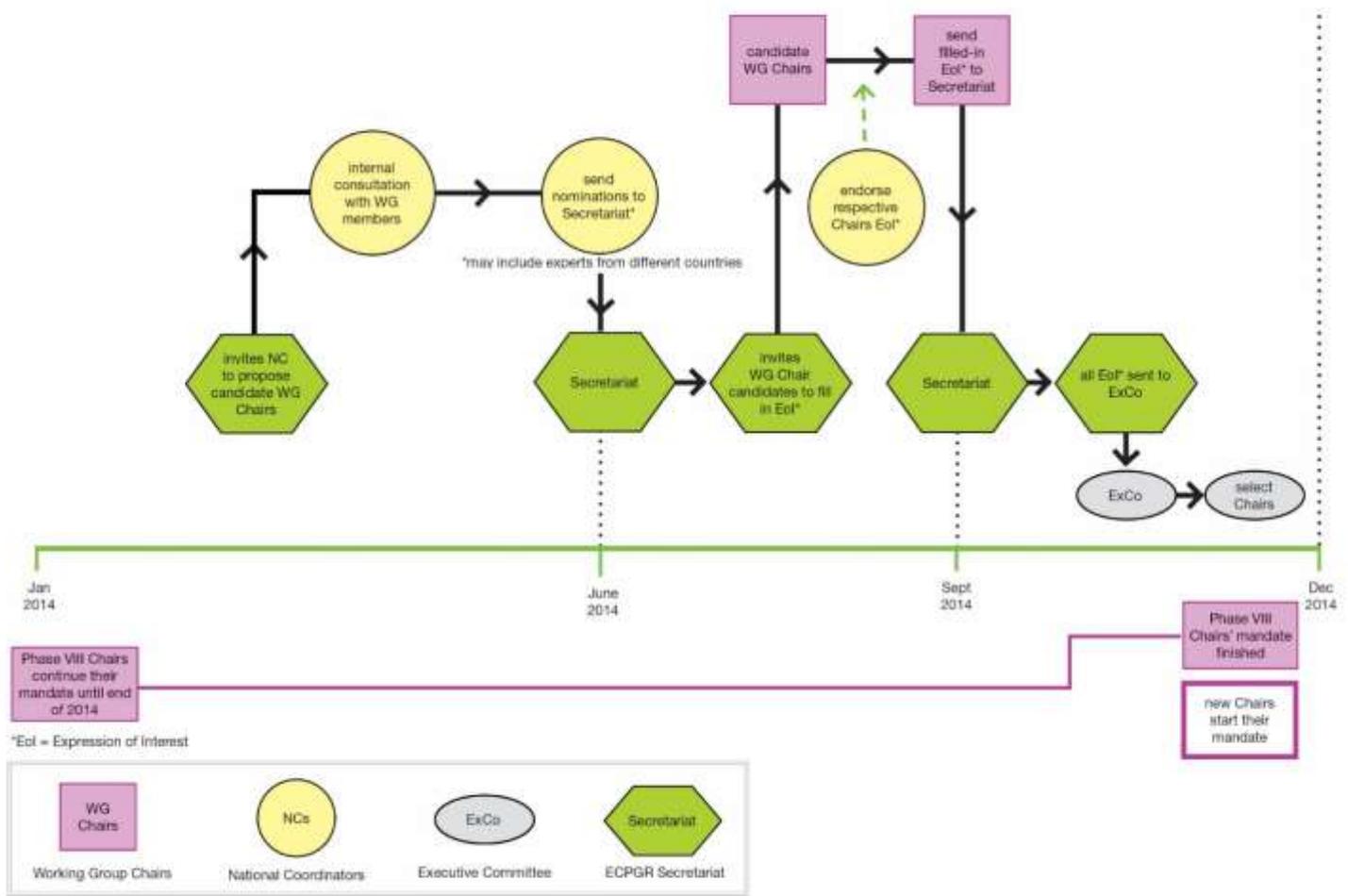
Composition of WGs

- Nominations received from **33** National Coordinators
- Size of WGs: between **41 and 89** members (average **67** members) (total: 1416)

Categories used:

- genebank curator **388**
- plant breeder **285**
- policy **206**
- crop specialist **470**
- info/doc **296**
- other **65**

Flow Chart 2. Renewal of WG Chairs appointment



Working Group Chairs

Working Group	Chair	Date of nomination
<i>Allium</i>	Helena Stavělková	13 February 2015
<i>Avena</i>	Andreas Katsiotis	18 December 2014
Barley	Ahmed Jahoor	18 December 2014
<i>Beta</i>	Parthenopi Ralli	12 May 2015
<i>Brassica</i>	Ferdinando Branca	18 December 2014
Cucurbits	Maria José Diez	18 December 2014
Fibre Crops (Flax and Hemp)	Martin Pavelek	18 December 2014
Forages	Anna Palmé	18 December 2014
Grain Legumes	Creola Brezeanu	18 December 2014
Leafy Vegetables	Jelka Šuštar Vozlič	27 February 2015
<i>Malus/Pyrus</i>	Marc Lateur	18 December 2014
Medicinal and Aromatic Plants	Ana Maria Barata	18 December 2014
Potato	Anca Baciú	25 February 2015
<i>Prunus</i>	Daniela Giovannini	18 December 2014
Solanaceae	Willem van Dooijeweert	18 December 2014
Umbellifer Crops	Charlotte Allender	18 December 2014
<i>Vitis</i>	Thierry Lacombe	18 December 2014
Wheat	François Balfourier	18 December 2014
Wild species Conservation in GR	Nigel Maxted	18 December 2014
On-farm Conservation and Management	Valeria Negri	18 December 2014
Documentation and Information	Theo van Hintum	18 December 2014

ECPGR Grant Scheme

- First Call launched 30 June 2014:
 - 8 proposals were selected requesting a total budget of **€ 121,650**
- Total estimated expenditures (Net) for projects under the First Call: **€ 106,000**
- Second Call: launched on 15 April 2015 – budget made available for 2016: **€ 112,500**
- 11 proposals submitted requesting **€ 155,100**

Grant Scheme 2014 -1

- **Beta:** CWR *Patellifolia*, collected samples; cytological analysis for taxonomy revisions; SSR markers tested
- **Prunus:** *P. domestica* and *P. insititia*; 111 candidate AEGIS accessions proposed from 14 countries – issues on exchange of material

Grant Scheme 2014 -2

Barley: Will meet in November '15 to validate proposed lists of accessions for AEGIS

Doc & Info: Training of 16 NIFPs of SE Europe+: updates to datasets of ALB, CRO, EST and ESP

Forages: Will meet in November '15 to validate proposed lists of accessions for AEGIS – other WG items (CWR, C&E data)

Grant Scheme 2014 -3

Wheat: Discussed AEGIS Wheat collection composition, aiming to define accessions + other Wheat WG items

Malus/Pyrus: developed criteria for AEGIS and a list of 224 most original cultivars with historical origin. Will characterize a subset

Brassica: characterization and evaluation of wild and cultivated brassicas

Country quota

The status of country quota is available online *(but only for meetings that have already taken place)*

ECPGR Country quota during Phase IX

"Quota used" refers to meetings that have already taken place and does not include planned meetings.

Country	Quota Phase IX	Quota used	remaining Quota
Albania	11	3	8
Austria	21	1	20
Azerbaijan	11	4	7
Belarus	13		13
Belgium*	23		23
Bosnia and Herzegovina*	11	3	8
Bulgaria	13	6	7
Croatia	17	6	11
Cyprus	13		13
Czech Republic	19	3	16
Denmark	20		20

Country quota - details

A detailed page is available for each country separately *(with indication of quota also for upcoming meetings)*

Sweden

Total quota available during phase IX: 23

Total quota used: 4

Total remaining quota: 19

Meeting	Quota Used	Participant	Venue - year	Remarks
HordEva project meeting	0	Jan Svensson	Sweden - November 2015	host - 0 quota
Forages 2020 Workshop	0	Anna Palmé	Sweden - November 2015	Host
Forages 2020 Workshop	0	Linda Örlund	Sweden - November 2015	Self-funded
Forages 2020 Workshop	0	Kjetil-Åke Lundblad	Sweden - November 2015	Self-funded
Triticum in AEGIS: Identification and Documentation (TRAD)	3	Jan Svensson	Estonia - September 2015	
EURISCO NFP regional training workshop for Southeast Europe	0	Jonas Nordling	Albania - May 2015	self-funded
"Identification and updating of C&E data in EBDB of AEGIS Hordeum" (HordEva) - project meeting	1	Jan Svensson	Germany - April 2015	

Task Forces

- In situ wild relatives → *concept endorsed in March 2015*
- On-farm landraces → *ad hoc meeting held in March 2015 – Revised concept submitted in October 2015*

Summary report of AEGIS November 2014 - present

Jan Engels

Lorenzo Maggioni

AEGIS membership status



■ AEGIS Member Countries
■ Countries invited to join AEGIS

34 Members
58 Associate Members' Agreements
(1 additional AM in 2015)

1. Albania (06 May 2009) - Associate Members
2. Austria (10 December 2012) - Associate Members
3. Azerbaijan (16 July 2009) - Associate Members
4. Belarus (02 November 2011) - Associate Members
5. Belgium (01 June 2012) - Associate Members
6. Bosnia and Herzegovina (19 May 2010)
7. Bulgaria (02 December 2009) - Associate Members
8. Croatia (02 December 2009) - Associate Members
9. Cyprus (15 September 2012) - Associate Members
10. Czech Republic (23 July 2009) - Associate Members
11. Denmark (22 February 2010) - Associate Members
12. Estonia (22 May 2009) - Associate Members
13. Finland (02 December 2009) - Associate Members
14. Georgia (18 May 2009) - Associate Members
15. Germany (05 November 2009) - Associate Members
16. Hungary (22 November 2011) - Associate Members
17. Iceland (22 October 2010) - Associate Members
18. Ireland (22 July 2009)
19. Italy (03 March 2014)
20. Latvia (01 June 2012) - Associate Members
21. Lithuania (12 October 2010)
22. Montenegro (16 December 2010)
23. Netherlands (28 May 2009) - Associate Members
24. Norway (17 August 2009) - Associate Members
25. Poland (17 May 2010) - Associate Members
26. Portugal (20 November 2009)
27. Romania (14 April 2010) - Associate Members
28. Slovakia (17 June 2009) - Associate Members
29. Slovenia (21 September 2009) - Associate Members
30. Sweden (31 May 2011) - Associate Members
31. Switzerland (27 July 2009) - Associate Members
32. Turkey (14 November 2011) - Associate Members
33. Ukraine (30 April 2009)
34. United Kingdom (18 June 2010) - Associate Members

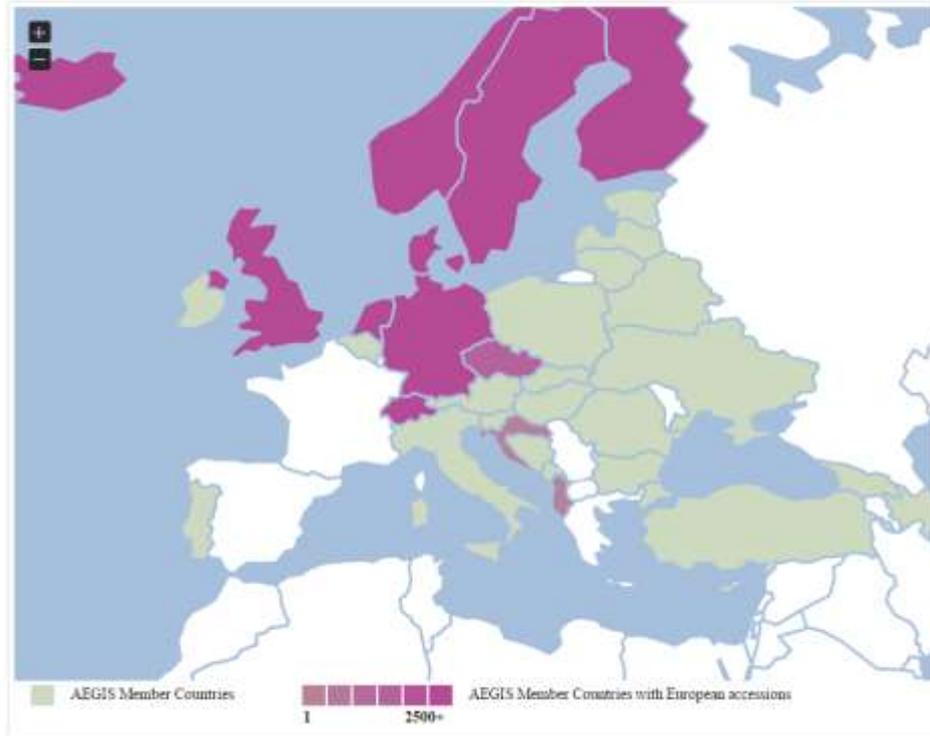
The European collection today

(as at 28 October 2015)

27 815 accessions

The European Collection

Total European Accessions: 27815 [Watch the latest registrations for the European Collection](#)



1. Germany: 7904
2. The Netherlands: 5862
3. Switzerland: 4838
4. UK: 4183
5. Nordic Countries 3708
6. Czech Republic: 1222
7. Croatia: 90
8. Albania: 8

- 15 315 new accessions in 2015
- 4 (8) new countries adding accessions

European Collection

Period	Total acc	countries	New countries
Dec. 2014	12 500	4	Croatia
April 2015	15 133	5	Switzerland
Aug 2015	17 736	6	Albania
Oct 2015	27 815	8 (12)	UK, Nordic countries

MLS = 343 103 in Europe (source: EURISCO)

New documents - end 2014

- **White paper on the slow rate of inclusion of accessions in the European Collection** developed by Secretariat and shared with the SC and AEGIS Associate members, invited to share experiences and thus to identify bottlenecks; **impact noted!**
- **Last Final Report of the AEGIS-funded project (potatoes) received and made available online.** **AEGIS Grant Scheme concluded herewith.**

New documents 2015 (1)

Record keeping, reporting and monitoring of the European Collection (AQUAS working document)

The draft paper shared with SC in 2014 received comments from a number of National Coordinators.

A revised draft was prepared and after review by ExCo circulated to Steering Committee. Comments were received and new version circulated to SC

New documents 2015 (2)

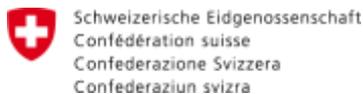
Benefits of establishing and operating a European Collection of unique and important germplasm

This information paper was prepared to present the most important benefits at various levels: member countries, Associate Member institutes, and users of germplasm.

First draft shared with ExCo, approved and sent to SC; deadline for comments 15 October 2015; **endorsed with minor adjustments.**

Genebank manuals and conclusions

5 Associated AEGIS members produced genebank manuals, using the template. Regular follow-up with Associated Members.



Genebank Standards (1)

- Secretariat continued establishing with each Crop Working Group (through Chair) a table of agreed general standards as well as their crop-specific genebank standards.
- WGs are requested to check their agreed standards against general FAO Genebank Standards, to indicate and justify any modification or addition made to meet their own needs, according to their crop specificities.
- Each draft being commented on by Secretariat; then shared with WG members for endorsement; sharing of finalized standard tables with SC for endorsement planned for end 2015.

Genebank Standards (2)

- **Cucurbits WG** in April 2015
- ***Allium* WG** in May 2015
- Detailed crop genepool specific instructions and guidance developed for each WG
- All WG contacted on crop-specific standards; good progress being made (stand Oct. 2015)
- Target to finish process by end 2015

General observations

- European Collection seems to be picking up
- Continued *ad hoc* follow-up with NCs and Associate members on issues related to European Collection and AQUAS
- Hope that Horizon 2020 PGR Gold proposal will be accepted (**significant AEGIS component**)

ExCo as AEGIS Advisory Committee

1. Suggested to include this topic as a standing item on future ExCo meetings
2. Some issues for discussion and guidance
 - a. Topic of 'country of origin' in selecting accessions to be included in European Collection (one of the important criteria in Simplified Selection Procedures)
 - b. Unclear 'status' about genetic stocks/mutants/breeding lines and the European Collection
 - c. Participation of Secretariat in WG (Grant related and other) meetings

Summary report of EURISCO - 2015

Stephan Weise
Lorenzo Maggioni

Outcomes 2015 - I

- 22 data updates (as of 2015-10-21)
- Improvements frontend
 - Bug fixing + small adjustments
 - Several improvements of search functionality
 - Download possibility for selected passport data
 - Statistics section
- Improvements backend
 - Direct import of data from MS Excel files implemented
 - Data integrity checks for passport data improved
 - Tracking functionality for AEGIS status implemented

Outcomes 2015 - II

- Training for National Focal Points
 - Training workshop for Southeast Europe in Tirana, Albania
 - 20 participants
 - Training materials + test environment developed + report
 - Applied for funding of 2016 workshop
- Helpdesk behind the scenes (should not be underestimated ;-)
- Involvement in project proposals:
 - Participation in two H2020 proposals
 - Participation in four proposals under the ECPGR Activity Grant Scheme

Outcomes 2015 - III

- Extension for C&E data
 - Data exchange format finalised
 - Database schema extended (staging schema + productive schema)
 - Upload tools implemented (Java + Oracle APEX)
 - Data integrity checks for C&E data implemented
 - Two large datasets from CGN + IPK imported (for testing + for demonstrating the benefits of C&E data in EURISCO)

Some statistics I

- 1,165,658 accessions
- 373 holding institutes
- 43 countries
- 6,231 genera
- 41,401 species (unique comb. genus + species)
- 343,103 MLS accessions
- 27,815 AEGIS accessions

Some statistics - II

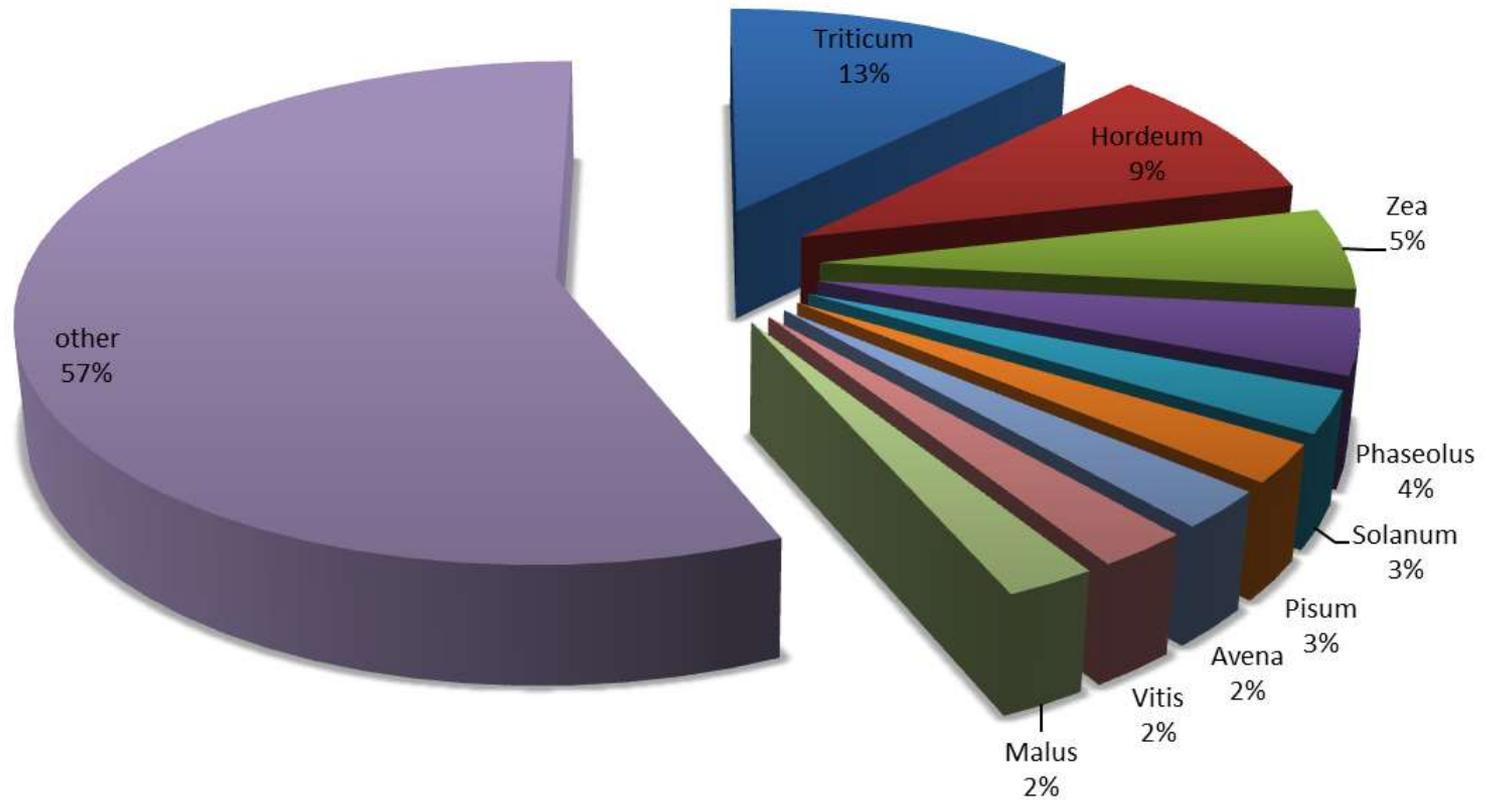
Accessions per NI

National Inventory	Accessions	Percentage
DEU (Germany)	174,362	14.96%
GBR (United Kingdom)	129,467	11.11%
RUS (Russian Federation)	123,430	10.59%
UKR (Ukraine)	94,025	8.07%
ESP (Spain)	76,984	6.60%
POL (Poland)	69,743	5.98%
BGR (Bulgaria)	63,608	5.46%
CZE (Czech Republic)	52,947	4.54%
HUN (Hungary)	46,750	4.01%
ITA (Italy)	44,547	3.82%
ROU (Romania)	42,837	3.67%
CHE (Switzerland)	39,907	3.42%
NGB (Nordic Countries)	34,429	2.95%
ISR (Israel)	26,464	2.27%
NLD (Netherlands)	25,733	2.21%

Accessions with duplication site per NI

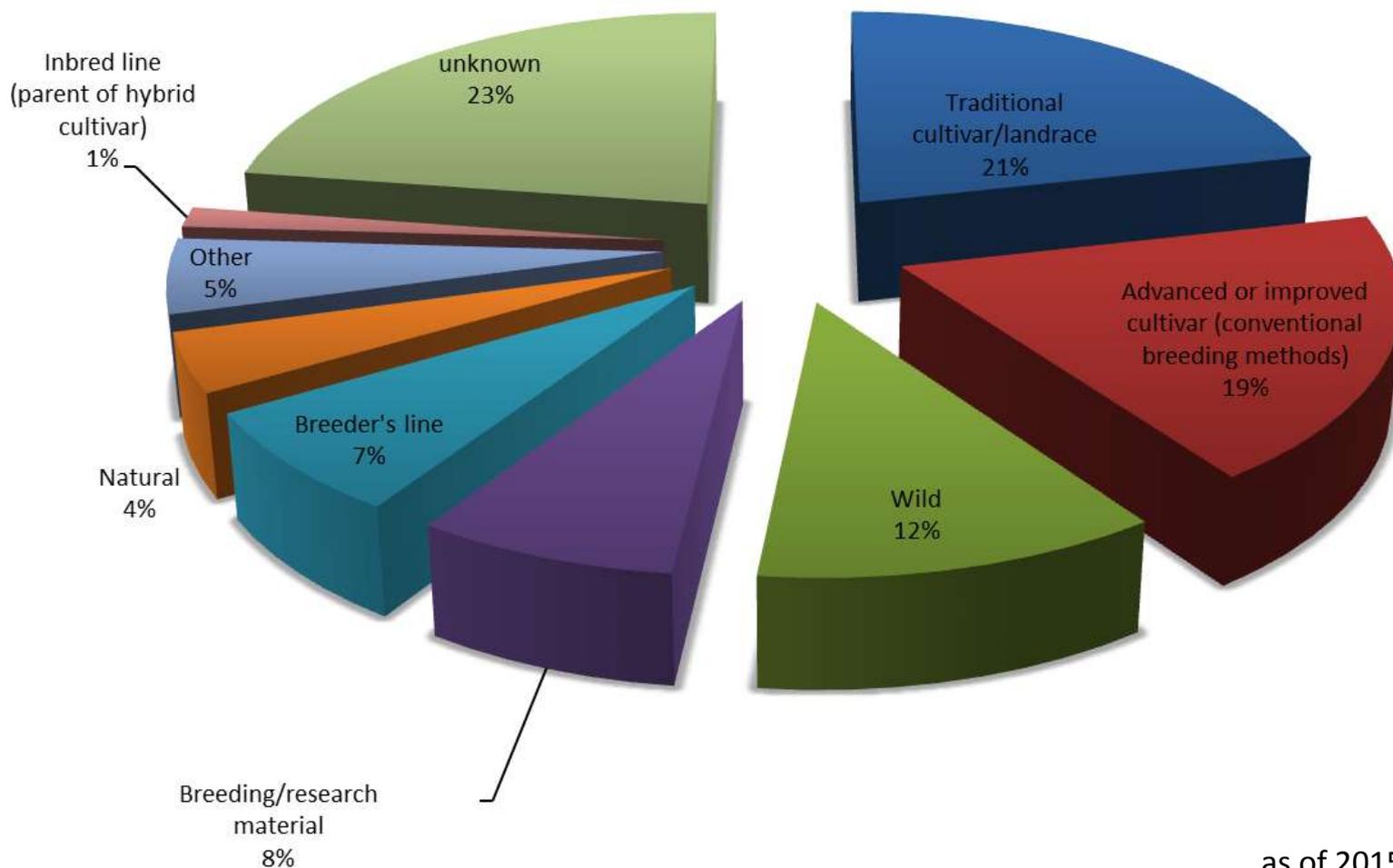
National Inventory	Accessions	Percentage
DEU (Germany)	50,137	4.30%
NLD (Netherlands)	22,703	1.95%
UKR (Ukraine)	19,687	1.69%
NGB (Nordic Countries)	15,978	1.37%
ROU (Romania)	6,777	0.58%
ITA (Italy)	5,977	0.51%
SVK (Slovakia)	2,883	0.25%
ISR (Israel)	2,849	0.24%
ALB (Albania)	2,494	0.21%
CZE (Czech Republic)	2,266	0.19%
AUT (Austria)	2,029	0.17%
GBR (United Kingdom)	1,165	0.10%
CHE (Switzerland)	1,057	0.09%
ESP (Spain)	963	0.08%
TUR (Turkey)	806	0.07%

Genera

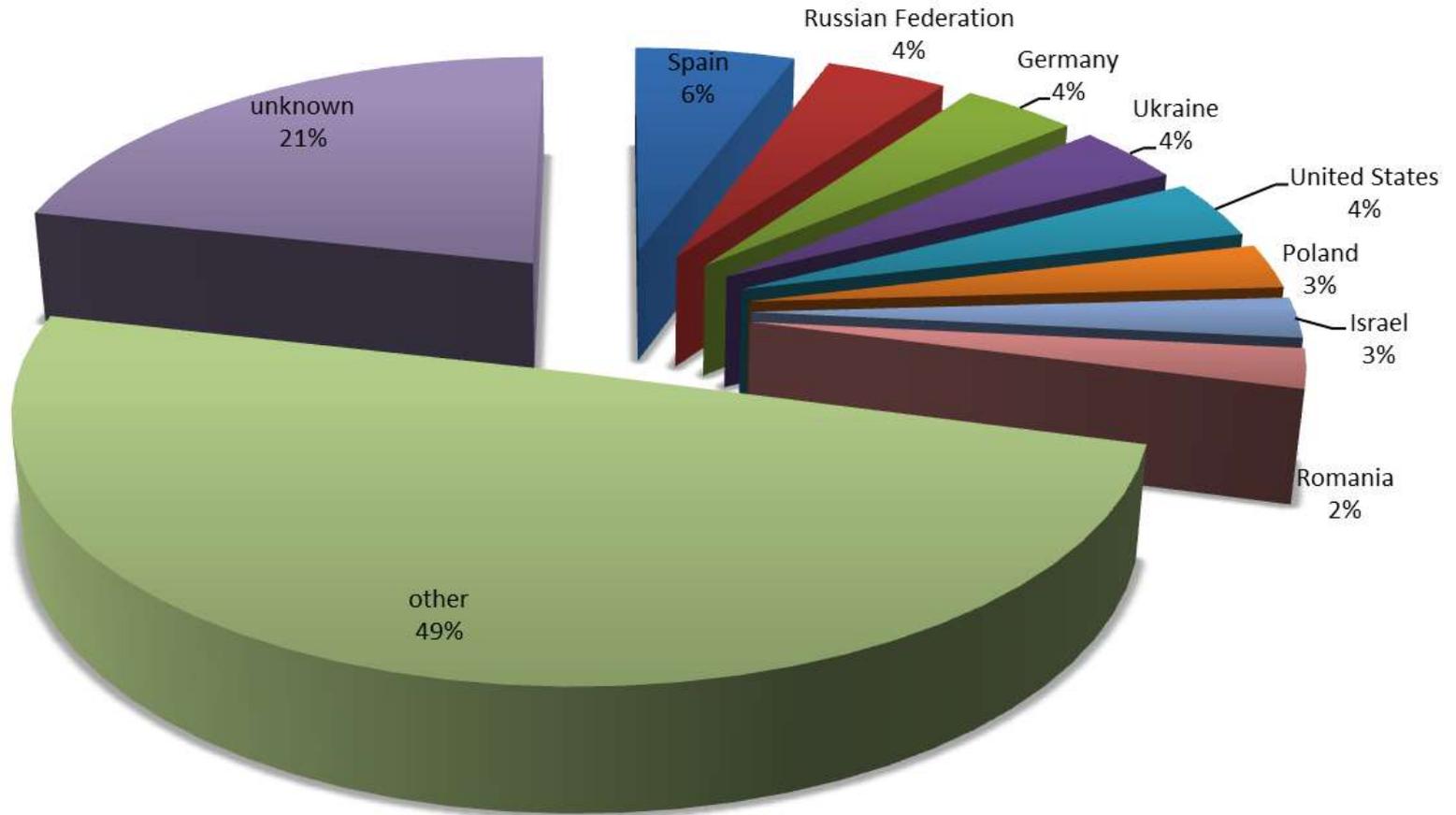




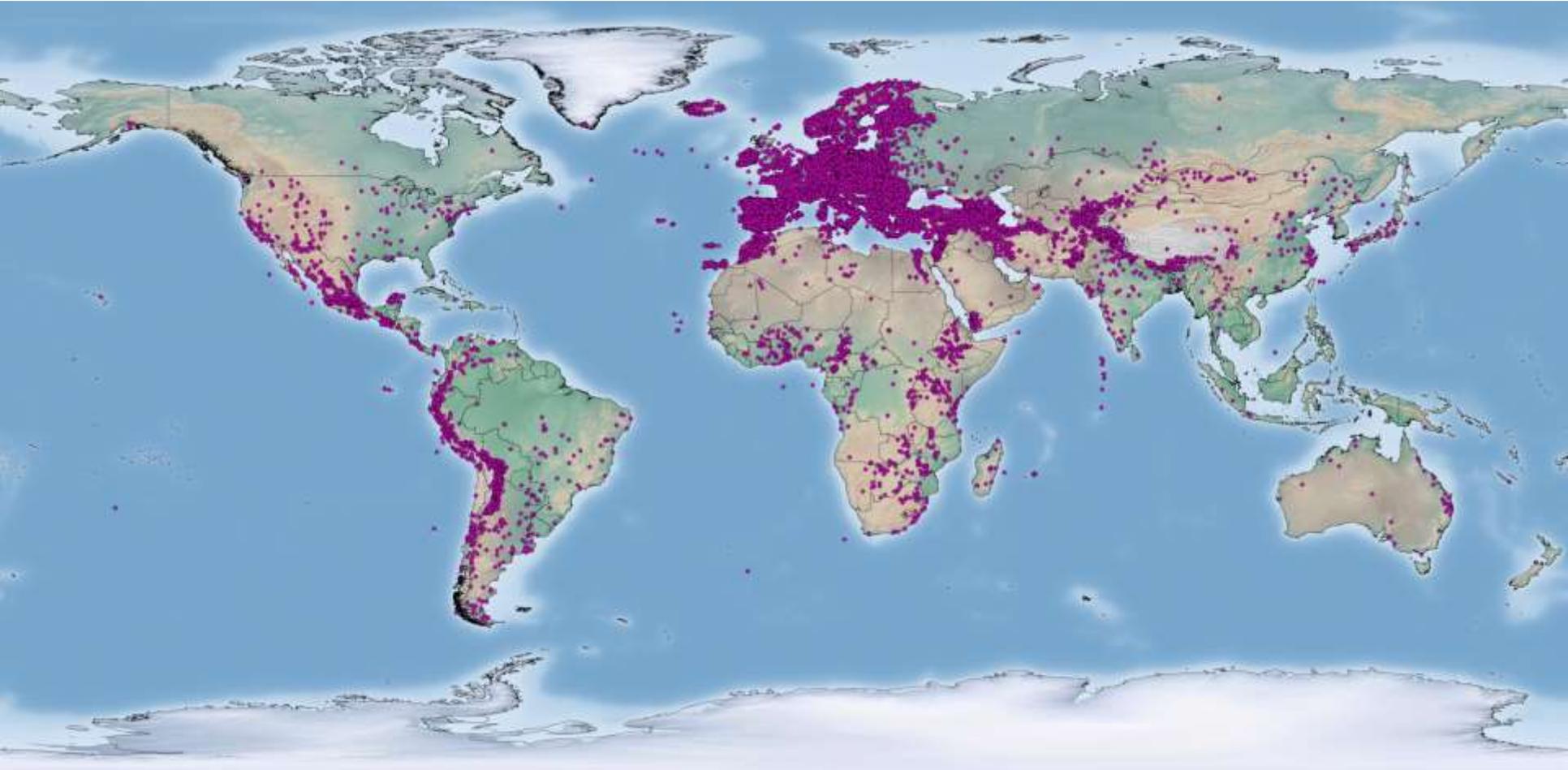
Biological status



Countries of origin

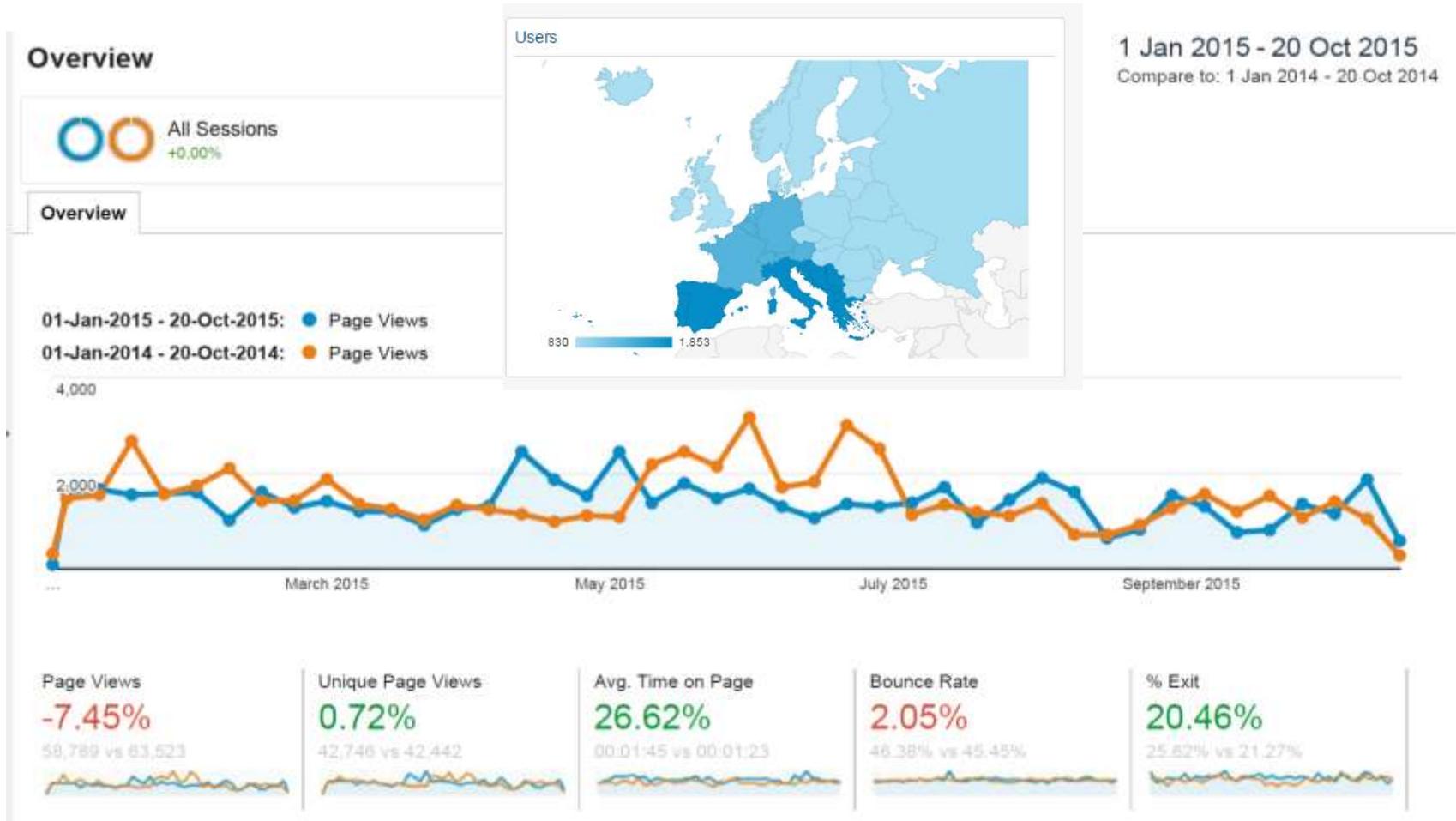


Regions of origin



as of 2015-04-17

ECPGR Website (1 Jan- 20 Oct)



Secretariat travels - 2015

- Third meeting of a **Consortium for the preparation of a project proposal under Horizon 2020 (SFS7b)**, Schiphol, The Netherlands, 4 May 2015
- **BEAN_ADAPT kick-off meeting**, Bonn, Germany, 10-11 August 2015 (participation of Grain Legumes WG Chair, **Creola Brezeanu**)
- **PhD defense**, Alnarp, Sweden, September 2015
- **II International Plant Science Conference**, Pavia, Italy, 14-17 September 2015
- **Taxonomy and Documentation (TDWG) Conference**, Nairobi, Kenya, 28 September – 1 October 2015 (Eurisco Coordinator, **Stephan Weise**)
- **Forages 2020 workshop** – Alnarp, Sweden, 9-11 November 2015

Financial status - BUDGET

Budget Phase IX	Phase IX
Total Original Budget	€ 2,551,250
Carry over Phase VII and Phase VIII	€ 245,618
Budget as at start of Phase IX	€ 2,796,868
Additional contributions received for Phase VII and Phase VIII	€ 86,800
Additional contributions pledged from Portugal for Phase IX	€ 60,000
Grand Total at 31.12.2014	€ 2,943,668
Voluntary from Finland	€ 750
Grand Total at October 2015	€ 2,944,418

Financial status – cash balance

Opening balance 01.01.2015	€ 288,612
Cash received 06.10.2015	€ 460,000
Total cash	€ 748,612
Estimated expenses 2015	€ 538,912
Estimated closing cash balance	€ 209,700

Contributions Phase IX

(as at 23 October 2015)

2014		2015	
Contributions received from 32 countries (90% of amount expected from 37 countries)	€ 458,250	Contributions received from 29 countries (74% of amount expected from 37 countries)	€ 376,250
Unexpected payment from Portugal (2014)	€ 12,000	Contribution from Portugal 2015	€ 12,000
Voluntary contribution from Finland			€ 750
Total contributions received for Phase IX			€ 859,250
Total outstanding			€ 186,000

Available funds for actions (net of overheads)

Description	Euro
Budget WG activities Phase IX	283,809
Net carry over from Phase VII	217,361
Total funds for activities Phase IX	501,170
	(454,170 allocated to Scheme)
Pledge from Portugal Phase IX	50,783
New funds (Phase VII & VIII contributions)	76,814
Voluntary from Finland 2015	614
EURISCO savings 2014-15	24,718
Expenditures ad hoc activities 2014	(28,469)
Expenditures ad hoc activities 2015	(5,148)
TOTAL theoretically available for activities	620,482

Available funds for actions (net of overheads)

Contributions at risk	Euro	Hypothesis of budget calculation	Euro
Azerbaijan	13,750	Theoretically available	620,482
Greece	60,000		
Poland	62,500		
TOTAL at risk	136,250		(136,250)
		TOTAL	484,232

Hypothesis of split across calls	Euro
Funds to grant scheme	484,232
Assigned first call	120,650
Remaining	363,582
Divided by 3 calls	121,194

Amount used to calculate initial quota:
75% of **454,170**

Announced on offer for second call: 112,500

Summary of points for discussion

- Aegis matters (Scope, advisory role)
- Budget matters (use of funds)
- EURISCO: advisory group composition
- On-farm concept (procedure)
- Other



Thank you for your attention