

**ANNEX 6 (May 2014)**

**EXPERT WORKING GROUP ANNUAL REPORT TEMPLATE**

Please return your completed Annual Report to [wheat.initiative@versailles.inra.fr](mailto:wheat.initiative@versailles.inra.fr)

**NAME OF EXPERT WORKING GROUP**

**Wheat Phenotyping to support Wheat Improvement**

**LEADERSHIP & AUTHORSHIP**

<b>Chair</b>	TBC
<b>Vice-Chair(s)</b>	TBC
<b>Report Authors</b>	Bettina Berger (University of Adelaide, Australia)

**MEETINGS HELD** (please attach minutes of these meetings using the template provided)

<b>Face-to-Face Meetings</b>	EWG Jamboree Paris, 29 <sup>th</sup> September, 6 attendees Frankfurt, 5 <sup>th</sup> December – all day, 26 attendees in person, 3 online
<b>Other Meetings</b>	Online Skype meeting, 22 <sup>nd</sup> April – 9pm Adelaide time, 6 attendees

**AIMS OF THE EWG**

- Strengthen and support wheat phenomics research
- Promote international collaborations and the development and exchange of expertise in wheat phenotyping
- Enhance the integration of wheat phenotyping into breeding and genomics programs
- Engage experts from non-plant disciplines in wheat phenotyping (e.g. computer vision, software engineering, database management)

**2014 ACTIVITY REPORT**

**Objectives identified for 2014**

Short term actions:

- Network building
- Identify milestones for coming year
- Start of white paper
- Election of chairs

Medium term actions:

- Integration and interaction with other EWGs
- Completion of white paper

Long term actions:

- Support of wheat research and breeding with required phenotyping protocols and expert advice

**Progress against aims in 2014**

- Network building: EWG has over 40 members, 29 participated in the first face-to-face meeting
- Milestones: Action items for coming months and year were set during Frankfurt meeting
- Start of white paper: An outline was drafted during Frankfurt meeting and a group of volunteers to drive the writing was identified; a survey on phenotyping needs was undertaken in collaboration with IPPN/EPPN/COST; gaps/opportunities perceived by attendees were captured during meeting.
- Election of chairs: to be completed early February
- Integration with other EWGs: Several members of Phenotyping EWG are also members of other EWGs; several members were present at Paris Jamboree.

<b>Outputs and deliverables in 2014</b>				
<ul style="list-style-type: none"> <li>- Input into SRA during Jamboree and via electronic communication</li> <li>- Participation in Jamboree</li> <li>- Network building during first face-to-face meeting with 29 participants</li> <li>- Survey of phenotyping community/needs and opportunities</li> <li>- Nomination of chair and co-chairs (elections underway)</li> <li>- Identification of key milestones</li> <li>- Interaction with other phenotyping initiatives</li> </ul>				
<b>Contribution to Wheat Initiative objectives (<a href="http://www.wheatinitiative.org/about/objectives">http://www.wheatinitiative.org/about/objectives</a>)</b>				
<p>The Wheat Phenotyping EWG contributed towards the WI objectives by:</p> <ul style="list-style-type: none"> <li>- Providing networking opportunities between wheat researchers and experts in wheat phenotyping on an international level</li> <li>- Providing travel support for EWG members to the first face-to-face meeting that would not be able to support otherwise and thereby providing an important opportunity for establishing future collaborations</li> <li>- Providing a platform for knowledge exchange between different EWGs through its members (Durum EWG, modelling EWG)</li> </ul>				
<b>Links established with other Wheat Initiative activities</b>				
<ul style="list-style-type: none"> <li>- Interactions with other EWGs during Jamboree, HeDWIC meeting and face-to-face meeting in Frankfurt</li> <li>- Plans for joint EWG meetings linking to large international conferences in the future</li> </ul>				
<b>Budget statement for 2014</b>				
<b>Expenses</b>				
<b>Type</b>	<b>Budget</b>	<b>Actual</b>	<b>% Spent</b>	<b>Remarks</b>
Organisation of Meetings	0 €	0 €	%	Hotel cost to be confirmed
Consumables	0 €	0 €	%	
Travel and Subsistence	0 €	0 €	%	Travel costs to be confirmed
Communication	0 €	0 €	%	
Other Costs	0 €	0 €	%	
<b>Total</b>	Up to 40 000 €	0 €	%	
<i>Please attach the Accounts table to this report (Annex 7)</i>				
<b>External resources and support mobilised</b>				
Majority of participants of first face-to-face meeting mobilised financial travel and accommodation support from their home institutions				
<b>Additional activities</b>				
n/a				

<b>ACTION PLAN FOR NEXT TWO YEARS</b>				
<b>Priorities identified for 2015/2016</b>				
<ul style="list-style-type: none"> <li>- Gap analysis and white paper</li> <li>- Integration and consultation with other EWG</li> <li>- Interaction with other phenotyping initiatives</li> </ul>				
<b>Expected outputs and deliverables for 2015/2016</b>				
<ul style="list-style-type: none"> <li>- Election of chair and co-chairs (Feb 2015)</li> <li>- Questionnaire on key traits for phenotyping to be sent to other EWGs (Jan/Feb 2015)</li> <li>- First draft of white paper (March 2015)</li> </ul>				

- 2<sup>nd</sup> face-to-face meeting (along major conference)
- Contribution towards searchable phenotyping database of EPPN/IPPN (ongoing, 2015/2016)

#### Timeline of activities for 2015/2016

See above

#### Additional documents

Minutes of Skype meeting and first face-to-face meeting