



Deliverable 4.1 (update 1): Advertising the TA in community specific journals and international conferences

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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 731013. This publication reflects only the view of the author, and the European Commission cannot be held responsible for any use which may be made of the information contained therein.

Document information

EU Project N°	731013	Acronym	EPPN ²⁰²⁰
Full Title	European Plant Phenotyping Network 2020		
Project website	www.eppn2020.plant-phenotyping.eu		

Deliverable	N°	D4.1	Title	Advertising the TA in community specific journals and international conferences
Work Package	N°	WP4	Title	NA1 - Management of Transnational Access

Date of delivery	Contractual	01/08/2017 (Month 4)	Actual	28/02/2018 (Month 6)
Dissemination level	X	PU Public, fully open, e.g. web		
		CO Confidential, restricted under conditions set out in Model Grant Agreement		
		CI Classified, information as referred to in Commission Decision 2001/844/EC.		

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Version log			
Issue Date	Revision N°	Author	Change
08/03/2018	1	Bénédicte Ferreira, François Tardieu	final review
11/04/2018	2	Roland Pierushka	Final version

Executive Summary

Objectives

EPPN²⁰²⁰ provides European public and private sectors Transnational Access (TA) to a wide range of state-of-the-art plant phenotyping installations, techniques and methods. The aim is to establish intensive cooperation and increase integration between EPPN²⁰²⁰ and user groups and technology innovation communities. The opportunity for access to the EPPN²⁰²⁰ installations, scientific benefits, and procedures for access will be advertised widely and discussed with the diverse user community using a range of potential means of communications.

Rationale

Users of plant phenotyping infrastructure may have diverse requirements with respect to plants or crops of interest, traits, treatments etc. To specifically inform about the opportunities of plant phenotyping and to stimulate a discussion between the users and access providers we will initiate a number of events to discuss and advertise about the opportunities of plant phenotyping. We will implement i) a series of workshops, ii) organize sessions at conferences of diverse communities interested in plant phenotyping and, iii) organise conferences open to the phenotyping community, including industrial partners. Those events aim specifically at advertising the Transnational Access and will be mostly held in countries that do not participate in EPPN²⁰²⁰. The goal is to engage with new users without neglecting the already existing collaborator base.

Main Results

EPPN²⁰²⁰ sessions have been held in

- Affordable phenotyping workshop, Juelich, German on 15th of May 2017
- SEB Meeting in Gothenburg, Sweden, on 6th of July 2017
- Botanikertagung, Kiel, Germany, on 19th of September 2017
- COST/EPPN²⁰²⁰ Plant phenotyping workshop in Novi Sad, Serbia, on 30th of September 2017
- Plant Phenotyping Forum, in Tartu, Estonia on 23rd of November 2017.
- 1st CZPPN Meeting in Olomutz, Czech Republic, on 4th of December, 2017

We followed the successful advertising activity in the first call and published the second call for applications for the Transnational Access on the EPPN²⁰²⁰ website (deadline on 29 June 2018), it was also circulated within different mailing lists and newsletters of networks such as EPSO, CORBEL, IPPN and EMPHASIS. The EPPN²⁰²⁰ access providers have also circulated the call within their countries and networks.

For the beginning of 2018, we are planning EPPN²⁰²⁰ events organized in cooperation with other European networks and initiatives to efficiently use the available synergies. One EPPN²⁰²⁰ event will be held in Austria (17th-18th of April, 2018) as a co-organized event between the Austrian Plant Phenotyping Network (APPN) and EPPN²⁰²⁰.

Within the annual meeting of EPPN²⁰²⁰ in Nottingham (23rd - 25th of May, 2018) we will hold a training school on "Deep Machine Learning for Plant Image Analysis". Additionally, EPPN²⁰²⁰ is involved and addressed in a number of plant phenotyping events in cooperation with the EMPHASIS project and the related national plant phenotyping networks.

Authors/Teams involved:

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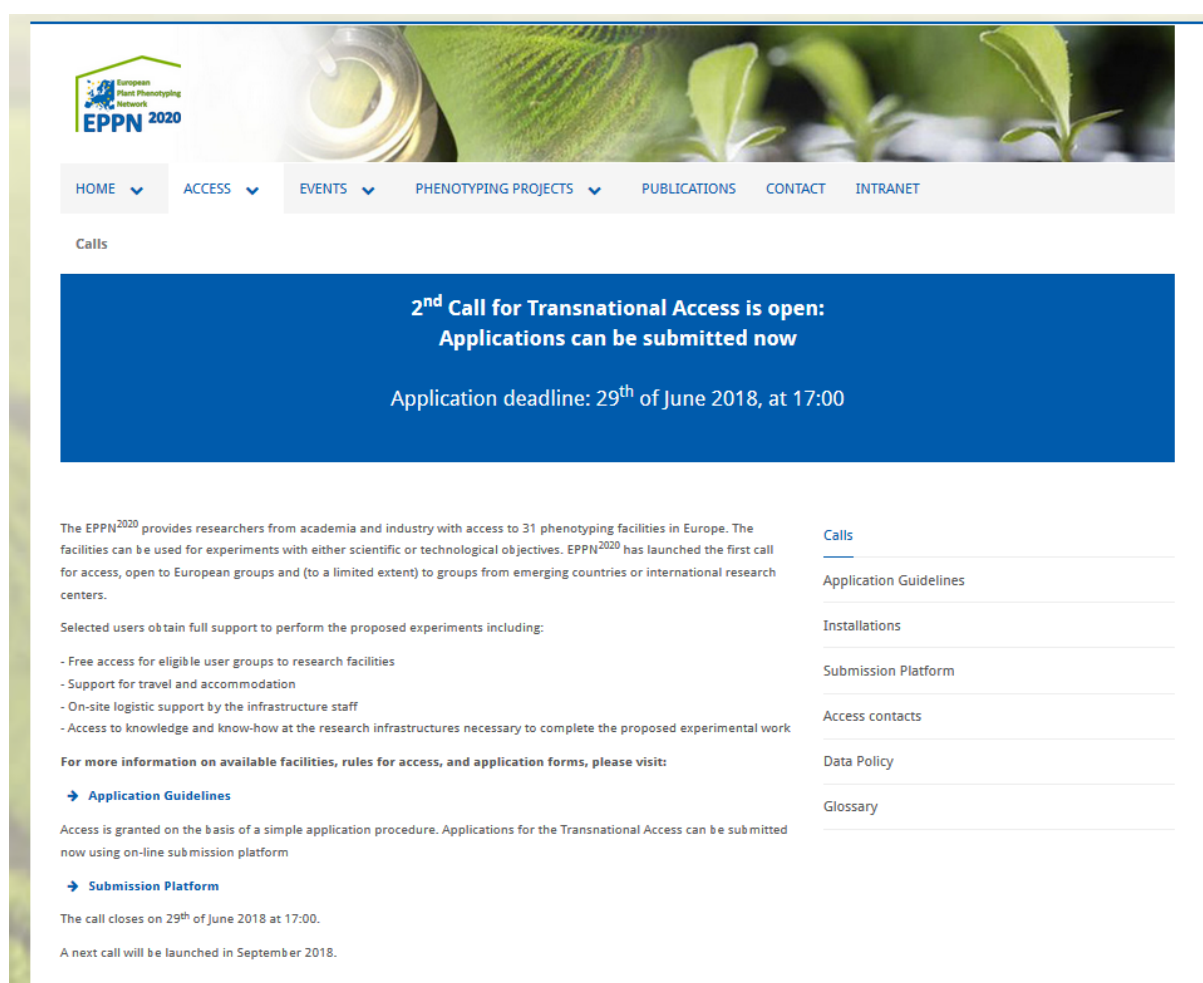
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1. ADVERTISING THE TA

EPPN²⁰²⁰ provides European public and private scientific sectors Transnational Access to plant phenotyping installations, techniques and methods. An essential step is to discuss and advertise the opportunities and procedures for Transnational Access available to a wide range of communities of users involved in Biology, Agronomy or Genetics, and of technology developers. This networking activity is designed to attract users from different discipline related to plant sciences that are less familiar with the use of phenotyping techniques. We specifically engage a wider research community and industry in close cooperation with other projects such as the COST Action (FA COST Action FA1306), the ESFRI listed project EMPHASIS, the International Plant Phenotyping Network (IPPN) and the national plant phenotyping networks (DPPN, FPPN, APPN, Phen-Italy, UK-PPN and others) to efficiently use the synergies between these projects and initiatives. Specifically, we: i) organize events such as international (European) meetings, sessions at conferences and workshops ii) use diverse communication tools such as EPPN²⁰²⁰ webpage or mailing list and newsletters of other initiatives and projects.

1.1. Advertising the TA using a range of communication tools

We have launched the second call for Transnational Access and made this publically accessible on the EPPN²⁰²⁰ webpage (https://eppn2020.plant-phenotyping.eu/Access_Call, see Fig. 1).



The screenshot displays the EPPN 2020 website interface. At the top, there is a navigation bar with links: HOME, ACCESS, EVENTS, PHENOTYPING PROJECTS, PUBLICATIONS, CONTACT, and INTRANET. Below the navigation bar, a large blue banner announces the '2nd Call for Transnational Access is open: Applications can be submitted now'. The application deadline is specified as '29th of June 2018, at 17:00'. To the left of the banner, there is a sidebar with a list of links: Calls, Application Guidelines, Installations, Submission Platform, Access contacts, Data Policy, and Glossary. The main content area on the left provides detailed information about the call, including the scope of facilities, support for users, and the application procedure. It mentions that access is granted on the basis of a simple application procedure and that applications can be submitted using an on-line submission platform. The call closes on 29th of June 2018 at 17:00, and a next call will be launched in September 2018.

Fig. 1: Second call for Transnational Access https://eppn2020.plant-phenotyping.eu/Access_Call

The second call for access is presented in a text box below. As for the first call, we circulated the second call for access widely within different networks via mailing list and newsletters of projects and organisations such as EPSO, CORBEL, Emphasis, IPPN and the emailing list from the previous EPPN project. Furthermore, we specifically asked the EPPN²⁰²⁰ access providers to distribute the call within their national communities and networks. Similar communication tools will be used for future calls as well.



“Second call for application for transnational access to European plant phenotyping facilities

Plant phenotyping is a major bottleneck for addressing the physiological questions and unraveling the genetic controls of traits and plant performance.

The European Plant Phenotyping Network 2020 (EPPN²⁰²⁰) provides researchers belonging to academic and industry groups with access to its 31 phenotyping facilities located all over Europe. The facilities can be used for experiments with either scientific or technological objectives. EPPN²⁰²⁰ has just launched its second call for application for transnational access, open to European groups but also open (to a limited extent) to groups originating from emerging countries or international research centers. The call closes on 29th of June 2018. Costs of such experiments are supported by the project.

EPPN²⁰²⁰ is funded by the Horizon 2020 Program of the EU with €10 million and has the goal of opening European facilities and developing methods and standards in imaging, information systems, and data analysis. EPPN²⁰²⁰ coordinates its activities with the ESFRI infrastructure project EMPHASIS, developing a long-term strategy for operation of phenotyping infrastructure in Europe.

For more information on available facilities, rules for access, and application forms, please visit: <https://eppn2020.plant-phenotyping.eu>”

[HOME](#)
[ACCESS](#)
[EVENTS](#)
[PHENOTYPING PROJECTS](#)
[PUBLICATIONS](#)
[CONTACT](#)
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Calls

**2nd Call for Transnational Access is open:
Applications can be submitted now**

Application deadline: 29th of June 2018, at 17:00

The EPPN²⁰²⁰ provides researchers from academia and industry with access to 31 phenotyping facilities in Europe. The facilities can be used for experiments with either scientific or technological objectives. EPPN²⁰²⁰ has launched the first call for access, open to European groups and (to a limited extent) to groups from emerging countries or international research centers.

Selected users obtain full support to perform the proposed experiments including:

- Free access for eligible user groups to research facilities
- Support for travel and accommodation
- On-site logistic support by the infrastructure staff
- Access to knowledge and know-how at the research infrastructures necessary to complete the proposed experimental work

For more information on available facilities, rules for access, and application forms, please visit:

→ [Application Guidelines](#)

Access is granted on the basis of a simple application procedure. Applications for the Transnational Access can be submitted now using on-line submission platform

→ [Submission Platform](#)

The call closes on 29th of June 2018 at 17:00.

A next call will be launched in September 2018.

[Calls](#)
[Application Guidelines](#)
[Installations](#)
[Submission Platform](#)
[Access contacts](#)
[Data Policy](#)
[Glossary](#)

Example of the advertisement of the first call for Transnational Access on the EMPHASIS webpage and newsletter (<https://emphasis.plant-phenotyping.eu/index.php?index=147>).

1.2. Advertising the TA at national and international events

EPPN²⁰²⁰ advertises Transnational Access by continuous implementation of events held in countries that have no participants in EPPN²⁰²⁰, in order to generate new users without neglecting the already existing collaboration networks of each of the access provider.

EPPN²⁰²⁰ sessions have been held at:

- Affordable phenotyping workshop, Juelich, Germany on 15th of May 2017
- SEB Meeting in Gothenburg, Sweden, on 6th of July 2017
- Botanikertagung, Kiel, Germany, on 19th of September 2017
- COST/EPPN2020 Plant phenotyping workshop in Novi Sad, Serbia, on 30th of September 2017
- Plant Phenotyping Forum, in Tartu, Estonia on 23rd of November 2017.
- 1st CZPPN Meeting in Olomutz, Czech Republic, on 4th of December, 2017

The aim is to inform potential users about the facilities and the Transnational Access opportunities of EPPN²⁰²⁰ platforms. We collaborate with other plant phenotyping projects and initiatives in Europe and beyond to use the existing synergies and reach a wider user community. EPPN²⁰²⁰ uses synergies by being closely linked to the ESFRI listed project EMPHASIS, the COST Action on plant phenotyping (FA COST Action FA1306), the International Plant Phenotyping Network (IPPN) as well as the national phenotyping platforms (DPPN, FPPN, UK-PPN, APPN, Phen-Italy, etc.).

For example: EPPN²⁰²⁰ will co-organize with the APPN (Austrian Plant Phenotyping Network) a meeting about **“Featuring Root Phenotyping Technologies” and a “Hands-on Workshop on Hyperspectral Root Phenotyping” in Austria (17th-18th of April, 2018).**

Furthermore, EPPN²⁰²⁰ is continuously involved at different conferences to specifically engage different communities and discuss about the requirements of plant phenotyping and the access opportunities to the phenotyping infrastructure within the framework of EPPN²⁰²⁰ some of the upcoming events:

- International Horticultural Conference, August 2018, in Istanbul
- EPSO/FESPB Conference, June 2018, Copenhagen, Denmark
- ICAR, June 2018, Turku Finland
- Viticulture conference, July 2018 in Bordeaux, France
- Phen-Italy conference, June 2018 in Matera, Italy

Further workshops will be prepared within the Networking Work Package (NA2/WP5), the general outline of community engagement is also presented in the dissemination plan (Deliverable 5.2).

Conclusion

The engagement of the community, specifically the discussion about the needs and requirements of plant phenotyping and the opportunity for Transnational Access is ongoing. We are organizing sessions at different scientific conferences, while further opportunities are currently being explored. The second call for Transnational Access has been published and widely circulated and will close on 29 June 2018. The interaction with the plant phenotyping community uses different means of communication and synergies with related plant phenotyping projects in Europe and beyond (EMPHASIS, IPPN, COST Action, national networks etc.). It is an ongoing process that will be continued during the whole project lifetime.

Glossary

EPPN²⁰²⁰: European Plant Phenotyping Network - 2020

TA: Transnational Access

IPPN: International plant phenotyping Network (<https://www.plant-phenotyping.org/>)

EMPHASIS: ESFRI listed infrastructure project (<https://emphasis.plant-phenotyping.eu/>)

COST Action (FA FA1306): Plant phenotyping network within the framework of the COST initiative (https://www.plant-phenotyping.org/home_costfa1306)

FPPN: Phenome French Plant Phenotyping Network (https://www.phenome-fppn.fr/phenome_eng/)

DPPN: German Plant Phenotyping Network

(http://www.dppn.de/dppn/EN/Home/home_node.html)

UK-PPN: UK Plant Phenotyping Network (<http://www.ukppn.org.uk/>)

APPN: Austrian Plant Phenotyping Network (<http://www.appn.at/>)

Phen-Italy: Italian Plant Phenotyping Network (<http://www.phen-italy.it/>)

Annex 1: Check list

Deliverable Check list (to be checked by the “Deliverable leader”)

	Check list	Comments
BEFORE	I have checked the due date and have planned completion in due time	<i>Please inform Management Team of any foreseen delays</i>
	The title corresponds to the title in the DOW	<i>If not please inform the Management Team with justification</i>
	The dissemination level corresponds to that indicated in the DOW	
	The contributors (authors) correspond to those indicated in the DOW	
	The Table of Contents has been validated with the Activity Leader	<i>Please validate the Table of Content with your Activity Leader before drafting the deliverable</i>
	I am using the EPPN ²⁰²⁰ deliverable template (title page, styles etc)	<i>Available in “Useful Documents” on the collaborative workspace</i>
The draft is ready		
AFTER	I have written a good summary at the beginning of the Deliverable	<i>A 1-2 pages maximum summary is mandatory (not formal but really informative on the content of the Deliverable)</i>
	The deliverable has been reviewed by all contributors (authors)	<i>Make sure all contributors have reviewed and approved the final version of the deliverable. You should leave sufficient time for this validation.</i>
	I have done a spell check and had the English verified	
	I have sent the final version to the WP Leader and to the Project coordinator (cc to the project manager) for approval	<i>Send the final draft to your WPLLeader and the coordinator with cc to the project manager on the 1st day of the due month and leave 2 weeks for feedback. Inform the reviewer of the changes (if any) you have made to address their comments. Once validated by the 2 reviewers and the coordinator, send the final version to the Project Manager who will then submit it to the EC.</i>