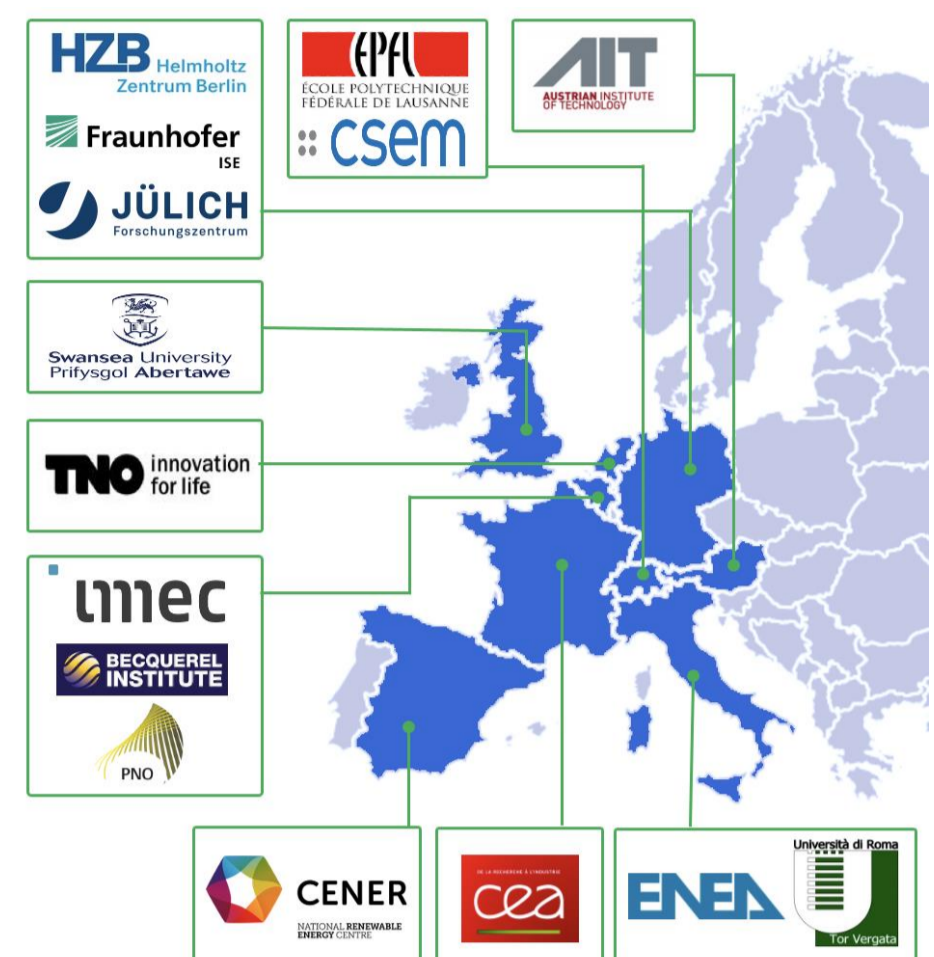


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Eva Unger³; Natalia Maticiu³, Stephan Abermann², Raquel Alemañ⁶, Aldo Di Carlo⁵, Theodoros Dimopoulos², Jens Hauch⁴, Mykhailo Sytnyk⁴, Narges Yaghooni Nia⁵

1.-ENEA- Italian National Agency for New Technologies, Energy and Sustainable Economic Development-Italy; 2.- Center for Energy, AIT - Austrian Institute of Technology, Austria; 3.-HZB-Helmholtz-Zentrum Berlin für Materialien und Energie GmbH-Germany; 4.-HIERN-Helmholtz Institute Erlangen-Nuremberg, Germany; 5.- University of Rome Tor Vergata Electronic Engineering Dept-Italy; 6.-PNO Innovation Belgium

H2020-VIPERLAB project:



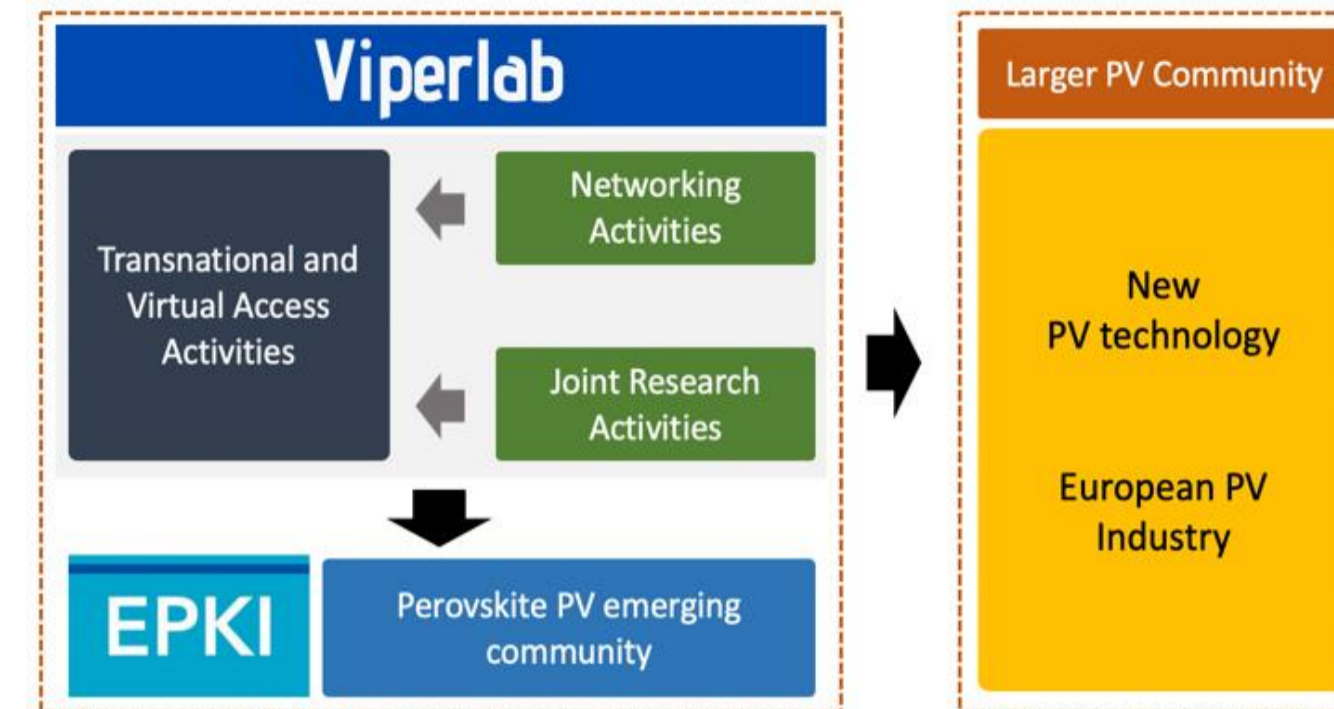
Main goal:

Through facilitated and coordinated transnational and virtual access to the best EU perovskite infrastructures and the use of advanced data mining approaches, the project stimulates European academic and industrial researchers to work together on the research and development of the next generation of solar cell technology, which will accelerate the perovskite PV technology development in Europe.

Coordinated by HZB
15 partners from 8 European countries

Total Budget: 5,520,124.75 € 15 Partners
Starting date: 01.06.2021 13 Physical infrastructures
Duration: 42 Months 4 Virtual infrastructures

Our concept and objective :

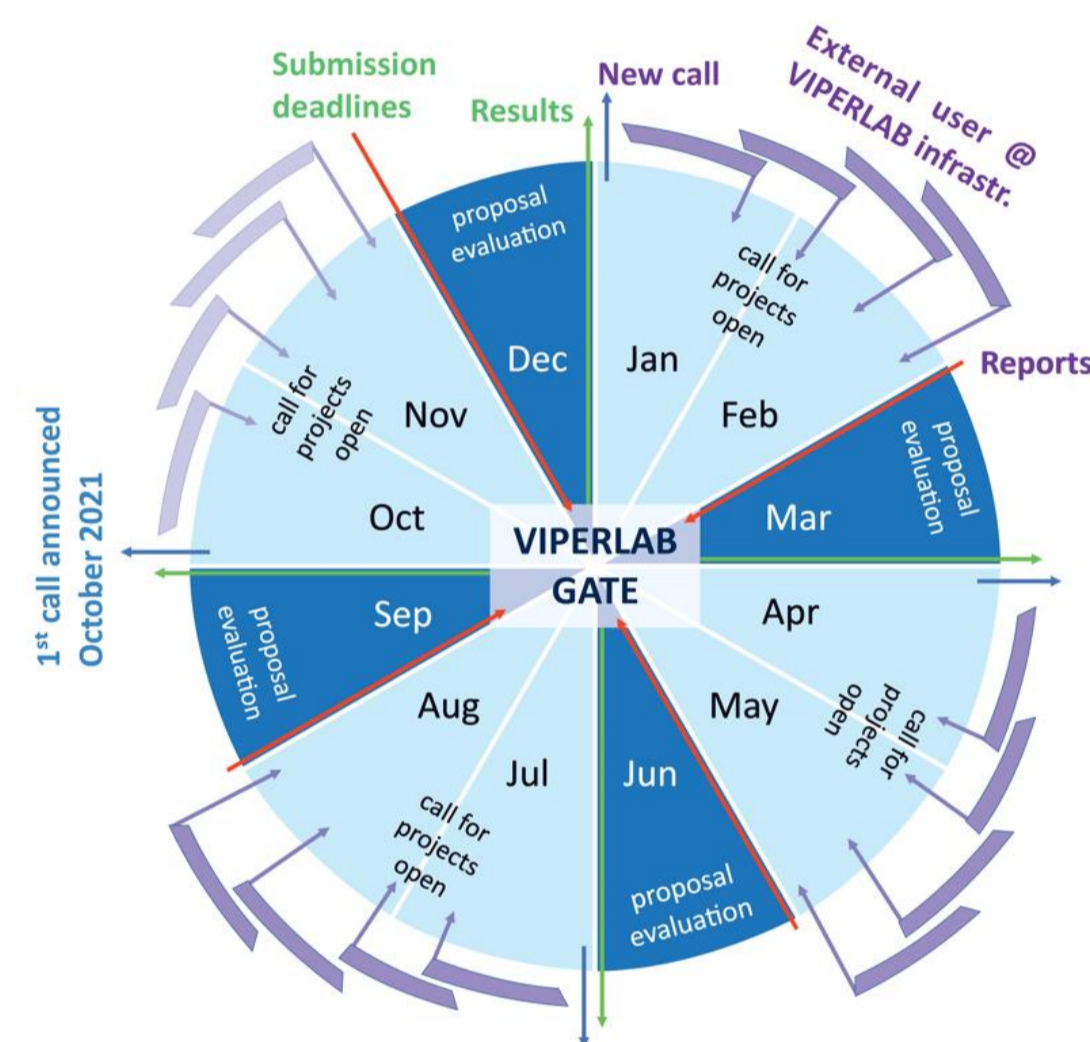
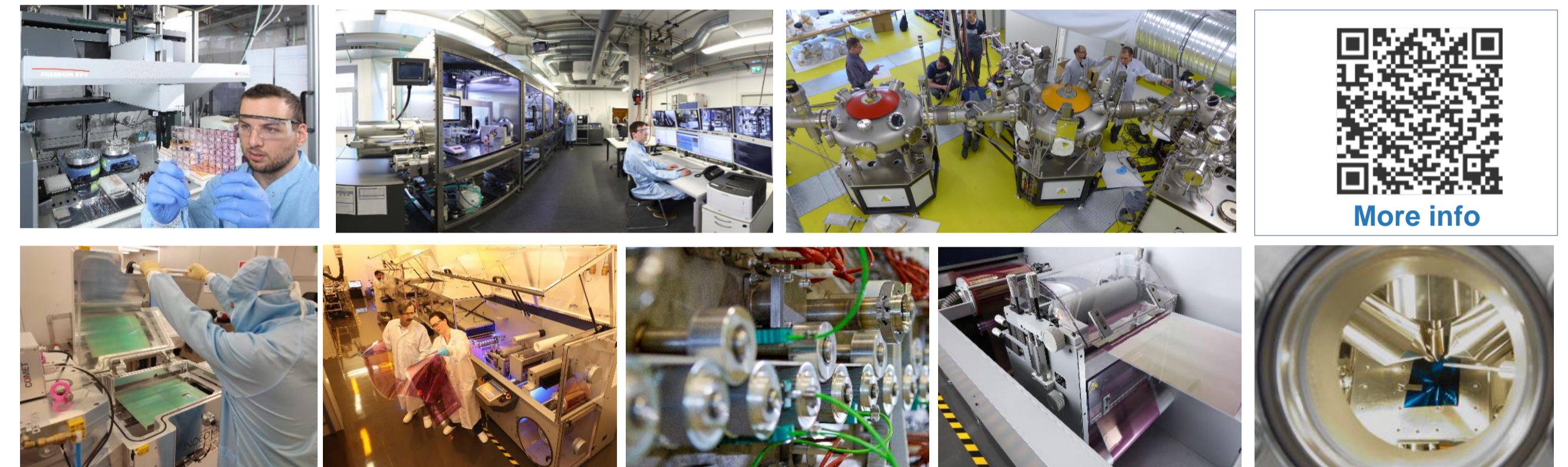


- Access to expertise and infrastructure by combining and sharing top EU infrastructures.
- Connect and support starting EU perovskite community by Networking and Training Actions.
- Develop infrastructure and knowledge-base.

<http://www.viperlab.eu/> <http://www.viperlab-kep.eu/>

Fifth call to access

will come very soon : open date October 1st, 2022 (CEST)



CALL TO ACCESS

When and how should you submit your proposal?

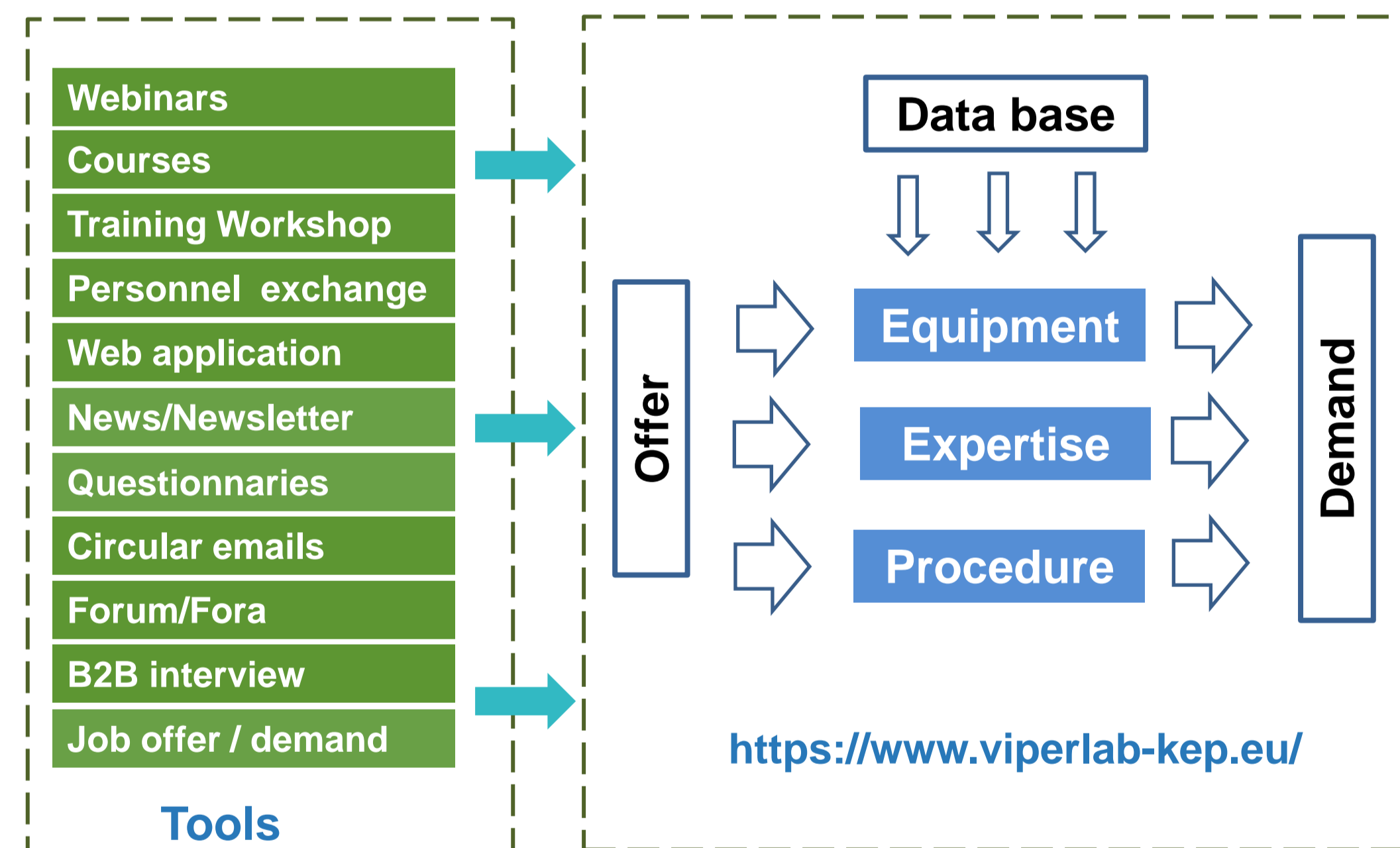
VIPERLAB Knowledge Exchange Platform :

It aims to overcome the barriers that usually limit broad access to knowledge exchange

VIPERLAB KNOWLEDGE EXCHANGE PLATFORM (KEP)

ICT TOOLS AND PROCEDURE TO FOSTER KNOWLEDGE EXCHANGE

The exchange of knowledge is a milestone that brings together academic staff, research institutes, members of companies open to innovation and wider groups and communities, translating and / or transforming it into an opportunity for mutual profit and to learn more and better thanks to the use of complementary skills. This improves results, accelerates goal achievement and research impact.



- ❖ Offer/demand management and needs of infrastructures, equipment, expertise, technical documents, test procedures;
- ❖ Open access on-line lectures, courses, workshop by widely using webinars;
- ❖ Free access in reserved web-area (documents, data, reports, etc.);
- ❖ Restricted area for specific technical documents (for user-partners only);
- ❖ On-line forum/fora for internal, external and technical/scientific discussions on specific themes;
- ❖ On-line questionnaires & ICT tools to optimize submissions and collection of specific information.

A web portal for the Perovskite photovoltaics community to support training, share knowledge and research infrastructures and foster collaboration opportunities at EU scale.

VIPERLAB KEP platform is based on SQL-Structured Query Language and Dynamic Database Management System (RDBMS). It represents a significant step forward in the knowledge exchange in the PV RTD sector because it's based on the development and utilization of user-friendly and dedicated ICT media tools comparable in their performance to more diffused social, scientific and professional networks.

Our offer

- ❖ VIPERLAB KEP is an integrated platform. It includes all together information about experts, infrastructures, papers, events;
- ❖ It offers optimized pages with the description of the infrastructures and their equipment;
- ❖ Improved Expert profiles with link to papers, skill key words, webinars, etc;
- ❖ Advanced access to technical and scientific documentation;
- ❖ Optimized link to other platforms (LinkedIn, ORCID, Research Gate) to simplify packaging and searching of information;
- ❖ Contact requests by Innovative management and ticketing procedures to evaluate statistics and effectiveness in satisfying.

What makes our offer unique

- ❖ VIPERLAB aims to reach all communities interested in perovskite and photovoltaic research and innovation to keep them up to date through a wide range of communication channels of great impact!
- ❖ We are not a profit organization. Your privacy has a great added value for us!!! We don't sale personal data or we don't use in wrong way information you have supplied us.
- ❖ We confirm our most genuine intent to continue to efficiently serve the perovskite and photovoltaic research and innovation communities, by offering free access webinars, technical scientific papers, news, information, job offers and career opportunity announcements.
- ❖ The information is dynamically linked each to the others.
- ❖ This optimize searching and sorting criteria and it matches efficiently the needs of the web user

Acknowledgements

Special thanks to the VIPERLAB Communication & Dissemination team for their valuable work, but also to the H2020 VIPERLAB project and Associated partners for their continued support in promoting knowledge exchange within the Solar Perovskite Community. Even though we cannot name them all, we heartily appreciate their daily contribution to enrich the VIPERLAB platform. Also, many thanks to the European Union for granting the H2020 VIPERLAB project within the Horizon 2020 Framework Programme under the Grant Agreement N° 101006715