

8th February 2022 14:00-16:00 on line

Data base, modelling and High Performance Computing for Perovskite PV

Virtual access to VIPERLAB's VA infrastructures: tutorials



Source photo supercomputer_servers_data_center_by_maxiphoto_getty_images



8th February 2022
14:00-16:00 (CET)*

Viperlab on line workshop on data bases, modelling and high performance computing for perovskite PV-

Part I introduction

14:00-14:05	A short introduction to VIPERLAB project	Eva UNGER Project Coordinator and WP1 Leader Natalia MATICIUC Technical Manager - WP11 Leader
14:05-14:15	High performing Computing in Research and technology	Massimo CELINO
14:15-14:25	Meta-databases and structuring of the data	Misha SYTNYK
14:25-14:35	A brief introduction to Virtual Access Point Platform	Eugenia ZUGASTI
14:35-14:40	Part I Question and answers	

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Part II VIPERLAB VIRTUAL INFRASTRUCTURE

14:40-14:55	HZB-HySPRINT – Perovskite Database	Eva UNGER Project Coordinator and WP1 Leader, HZB
14:55-15:10	High performing Computing in Research and technology	Eugenia ZUGASTI, CENER
15:10-15:25	JÜLICH-HI ERN - Amanda	Misha SYTNYK, HIERN
15:30-15:45	ENEAGRID High performance computational infrastructure	Simone GIUSEPPONI, ENEA
15:45-16:00	Final discussion & Conclusion	

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VIPERLAB

Fully connected virtual and physical perovskite photovoltaics lab

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 will stimulate 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

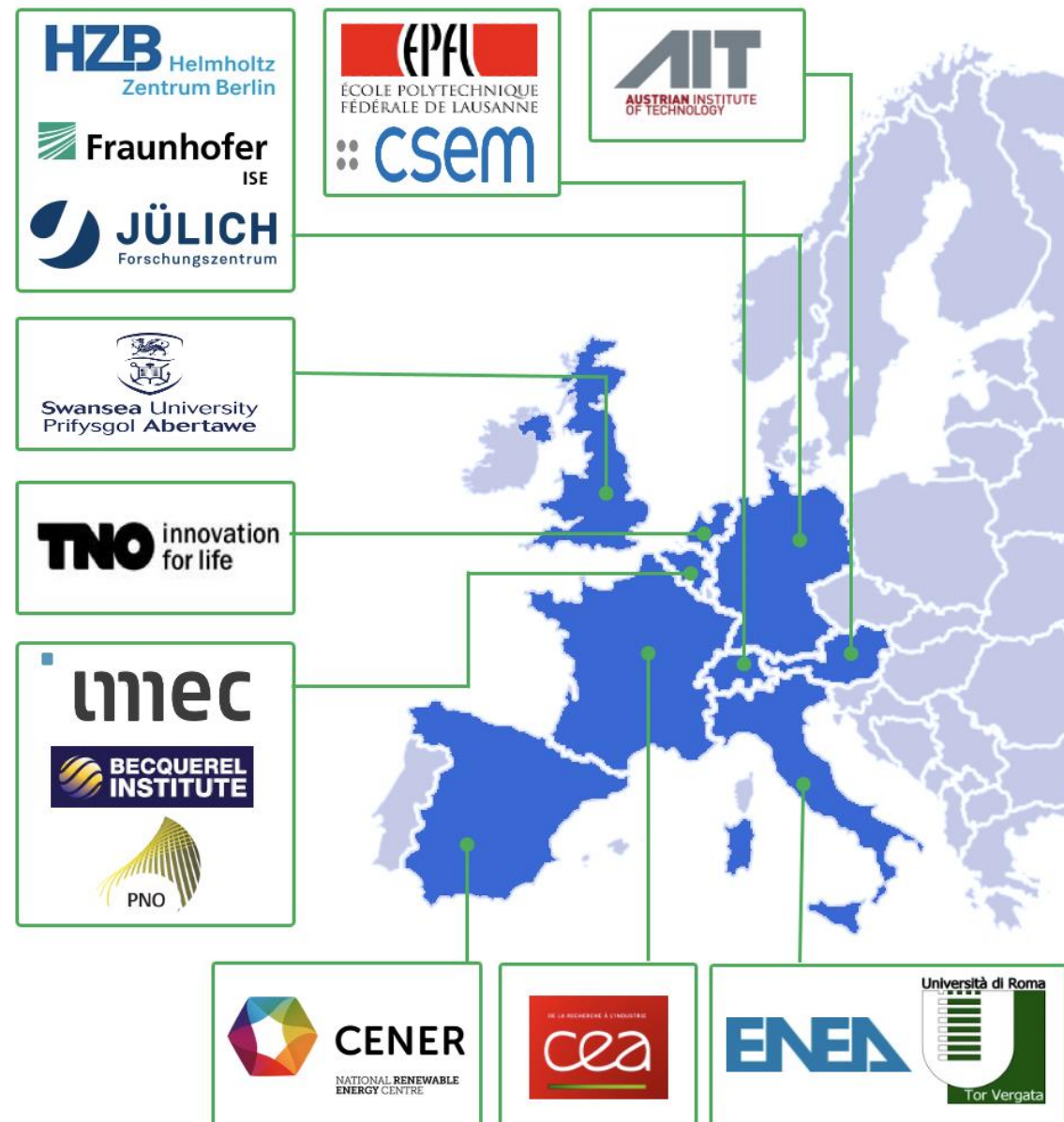
13 Physical infrastructures

4 Virtual infrastructures

Total Budget: 5,520,124.75 € (ca. 350 K€ / partner)

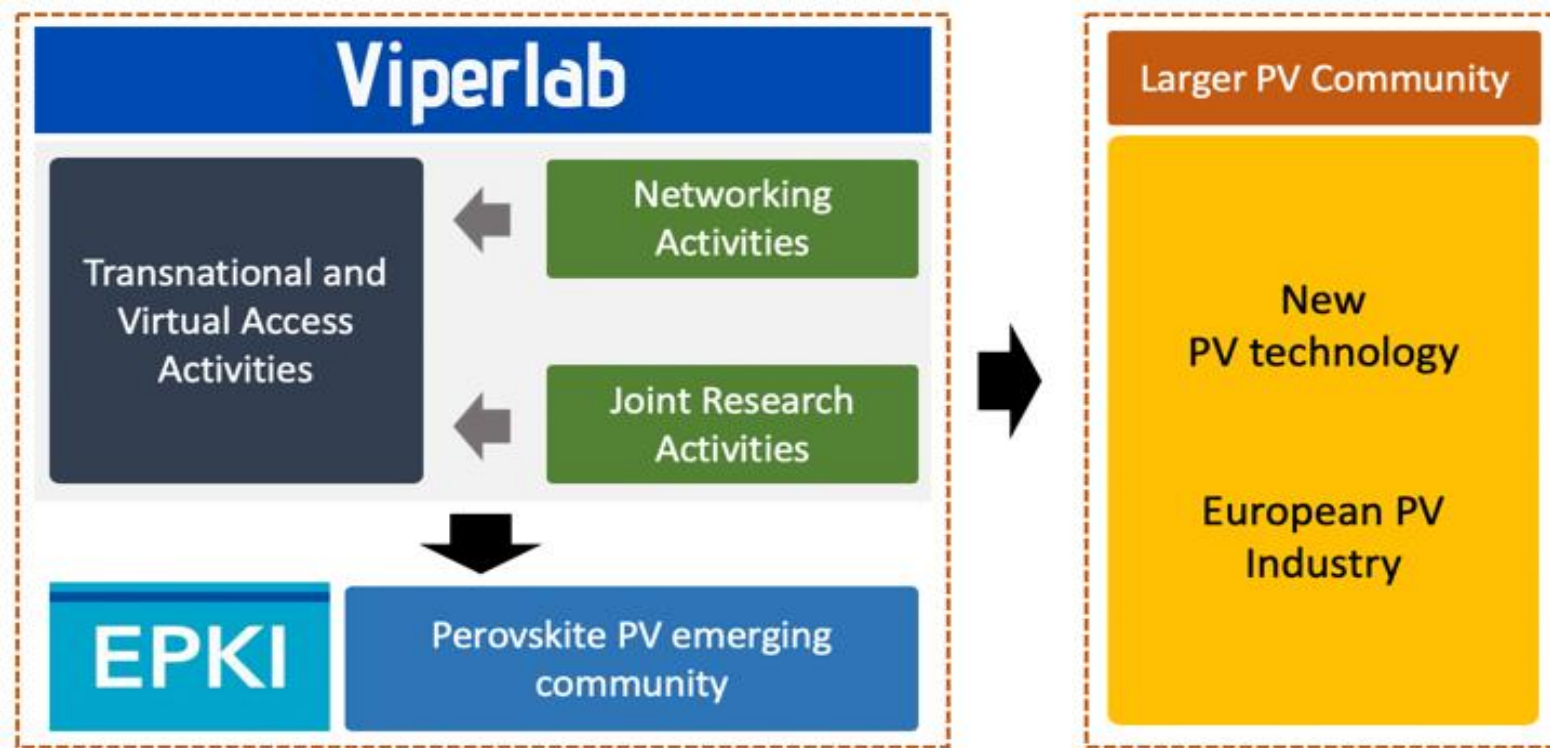
Starting date: 01.06.2021

Duration: 42 Months



Our concept and objectives

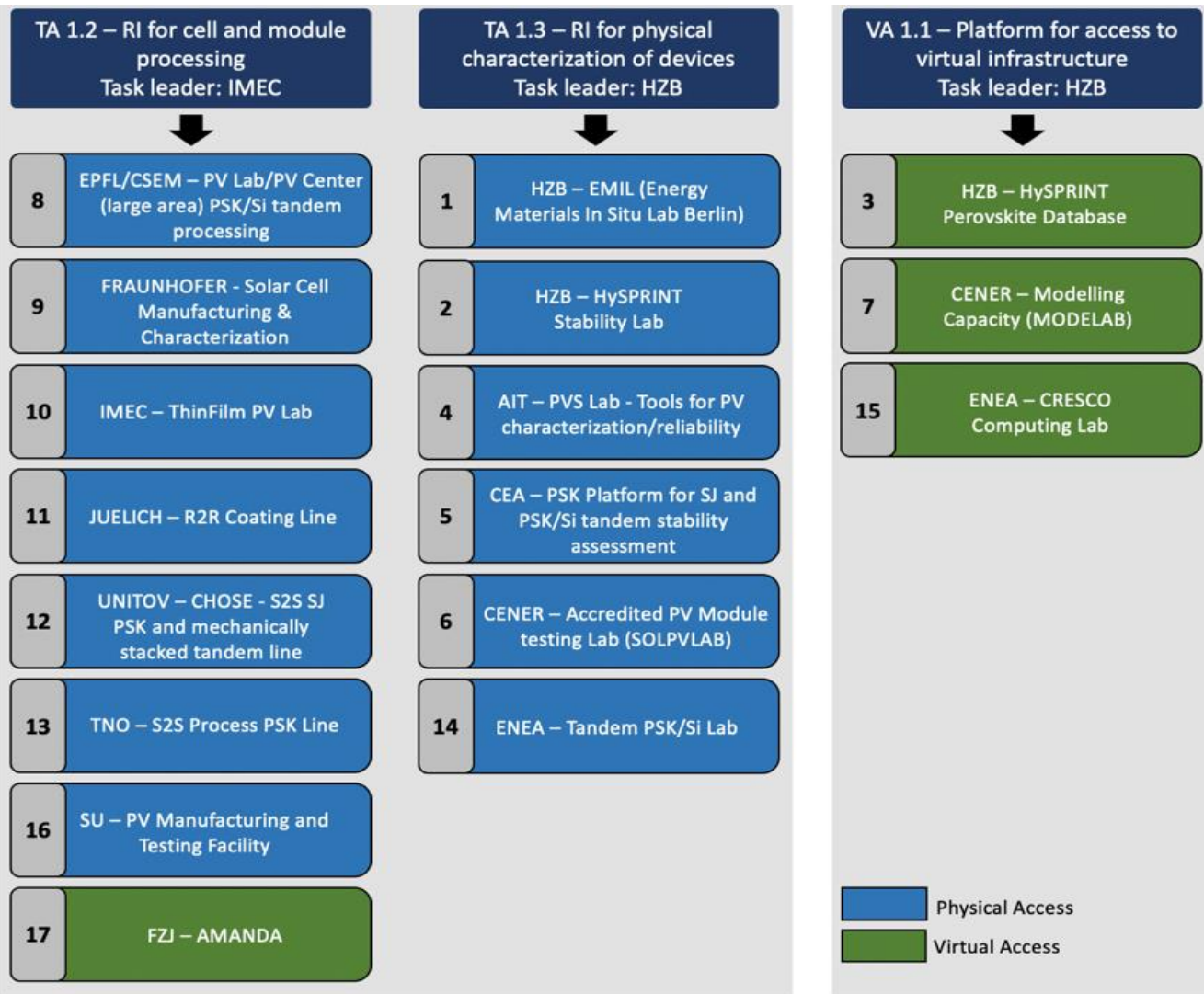
VIPERLAB



- Combine and share top EU infrastructures
- Connect and support starting EU perovskite community
- Further develop the project

VIPERLAB Ingrastructures

VIPERLAB



Reminder:

2nd VIPERLAB call running

DEADLINE for proposals submission
Monday, February 28th 2022 at
11:59:59 (CET)

Check for details

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

