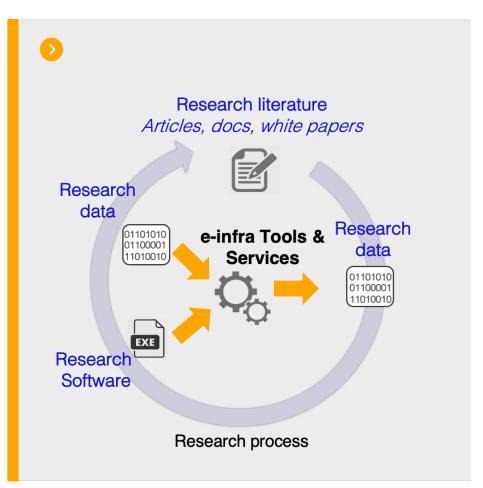


# WHY A PLATFORM FOR RESEARCH DATA & SOFTWARE DISCOVERY



#### Research data and software:

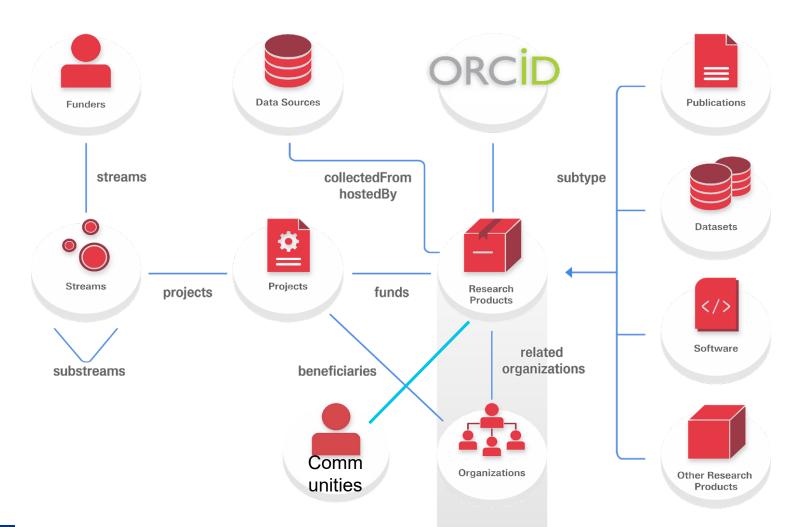
- As a first-class citizen in scholarly communication and in the research flow
- As a product of a research activity
- For transparency of research evaluation and reproducibility
- For omni-comprehensive reward





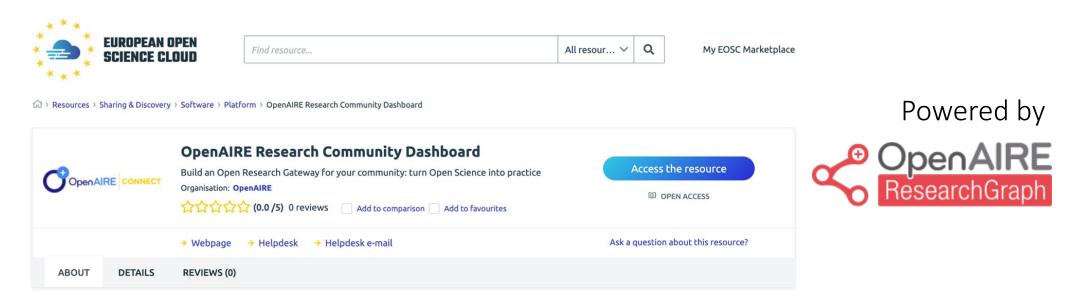
### OPENAIRE RESEARCH GRAPH







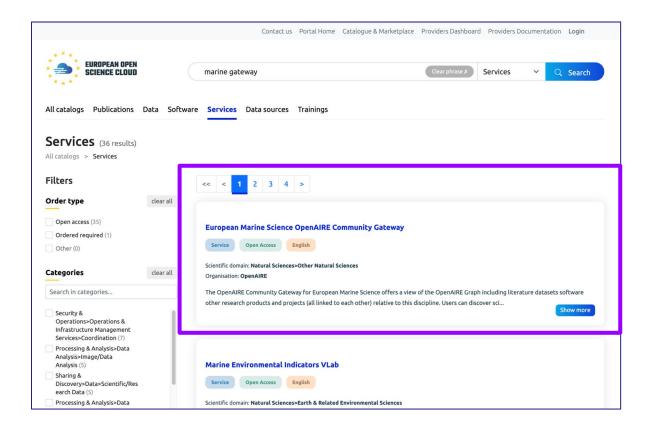
### **OPENAIRE CONNECT:** RESEARCH COMMUNITY DASHBOARD

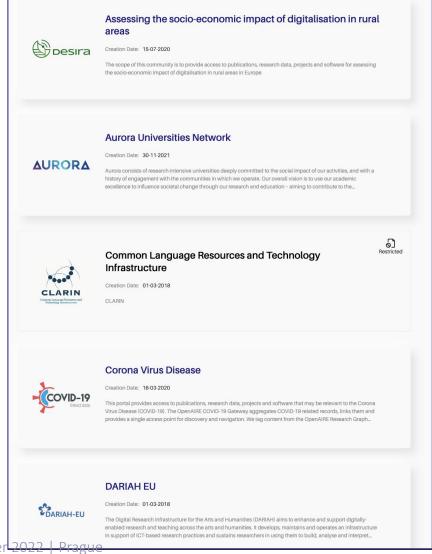


Request a thematic portal for your research community (aka "Community Gateway") to discover research software and links to publications, data, projects, etc.



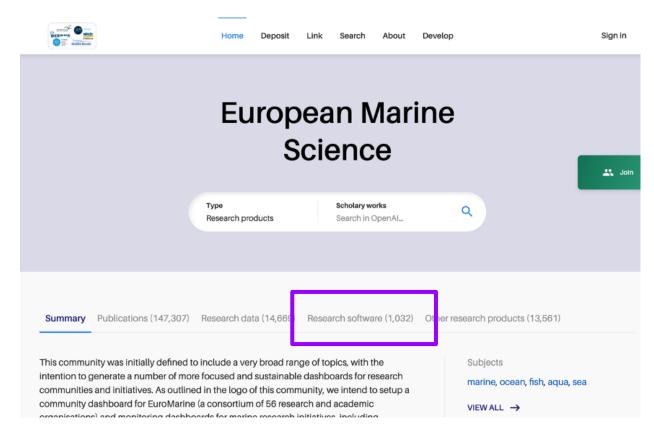
### FIND THE OPENAIRE GATEWAY FOR YOUR COMMUNITY



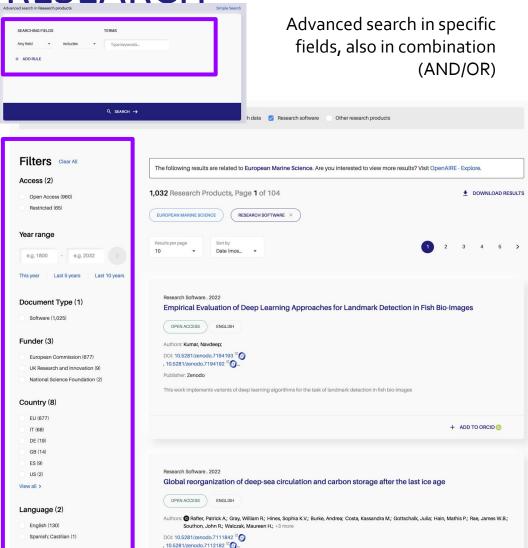




FINDING SOFTWARE IN MARINE RESEARCH



Faceted search to filter the result list



Publisher: Zenodo

https://mes.openaire.eu

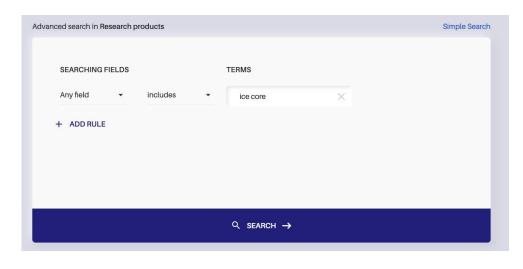


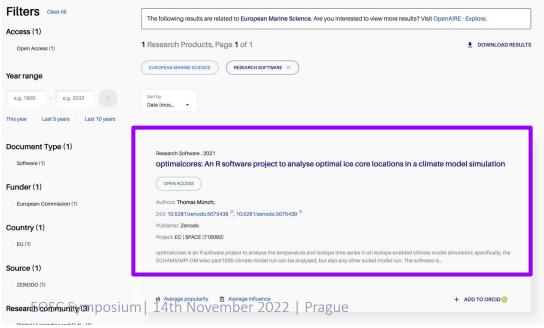
Source (12)

### **EXAMPLE**

Alice is a researcher, preparing for an expedition to get some ice core samples. She would like to know if there is already some software to plan the sampling or to analyse the data.

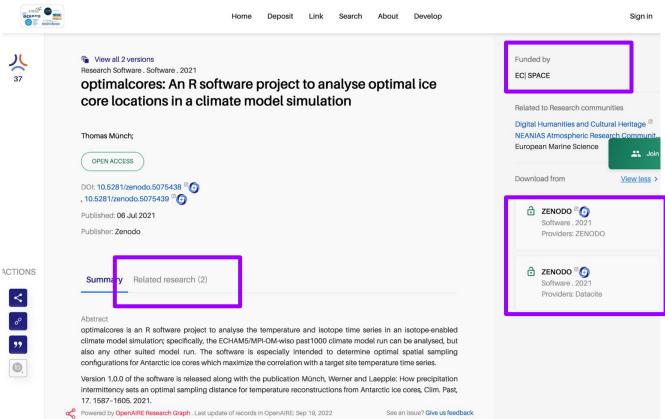
She goes to the EOSC Marketplace and finds the European Marine Science Gateway. She accesses the service and looks for software about "ice core"



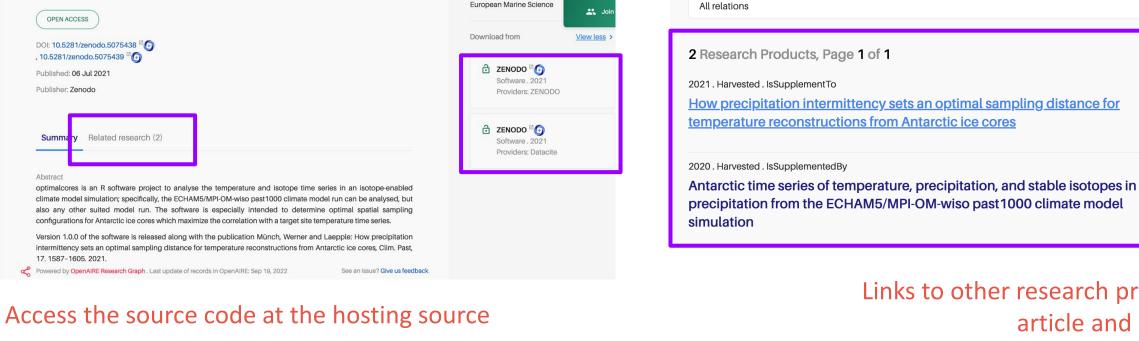




## **EXAMPLE**



Funding EC project SPACE



Research Software, Software, 2021

Summary Related research (2)

Thomas Münch;

Filter by relation

optimalcores: An R software project to analyse optimal ice

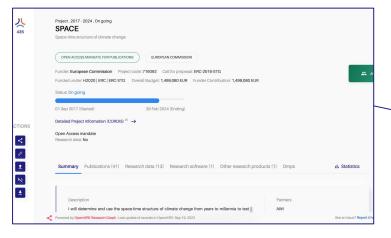
core locations in a climate model simulation



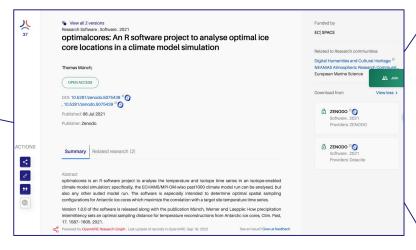


### **RESEARCH IN CONTEXT**

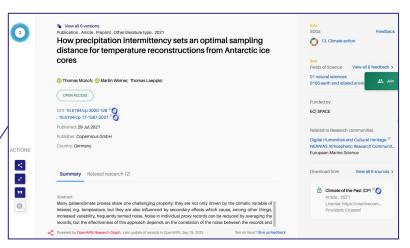
#### Funding project



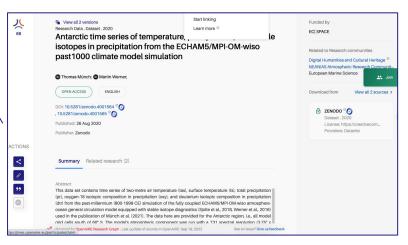
#### Software



#### Article



#### **Data**



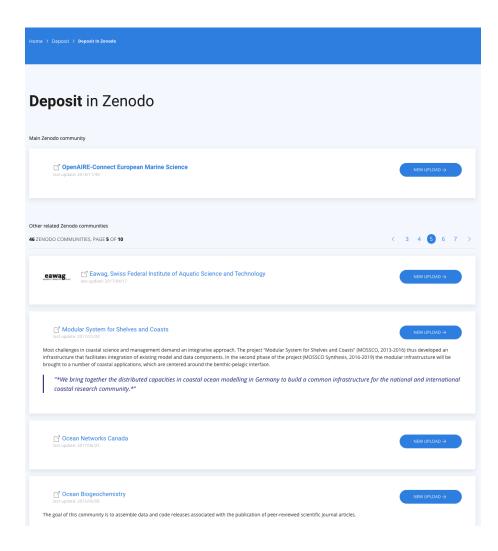


### AFTER THE EXPEDITION

In the end, Alice could not re-use the software for her purposes, but she got inspired and developed something new.

She does want others to be able to find her software.

From the European Marine Science
Gateway she finds out which are the
Zenodo communities used by her
research community, publish her code
there, making it available in the gateway
automatically





#### **Email**

paolo.manghi@openaire.eu, alessia.bardi@isti.cnr.it

#### **Twitter**

@paolomanghi

