Quick Start Guide

European Commission

https://www.timanalytics.eu/TimOpenAccess
Use Mozilla Firefox or Chrome

2. Create a new dataset
Define a search string to select the relevant documents from our database

4. Choose visualisation
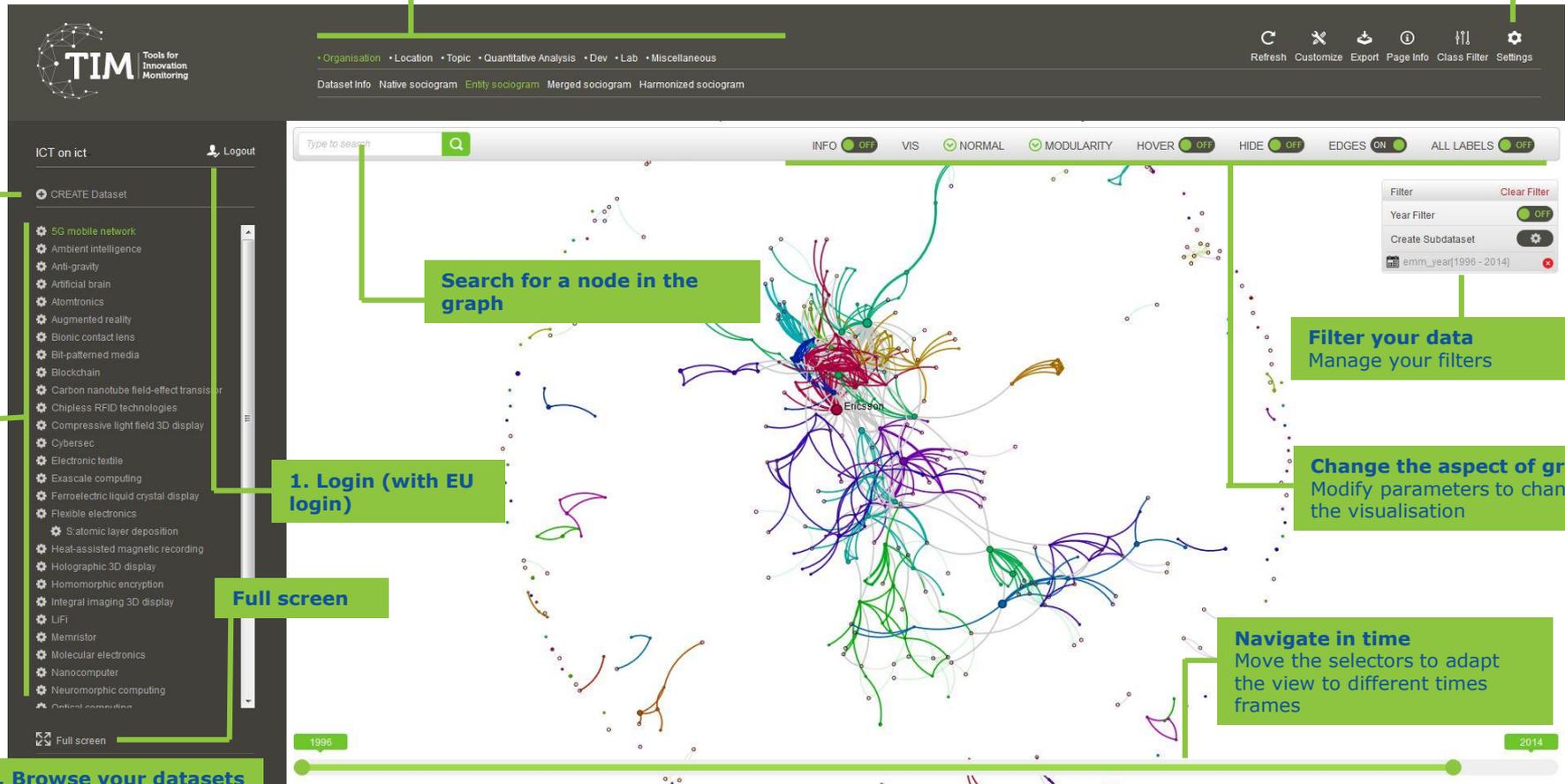Navigate through different types of graphs

Change your settings
Set a white background, curved edges or choose other available types of graphs

Search for a node in the graph

Filter your data
Manage your filters

1. Login (with EU login)

Change the aspect of graph
Modify parameters to change the visualisation

Full screen

Navigate in time
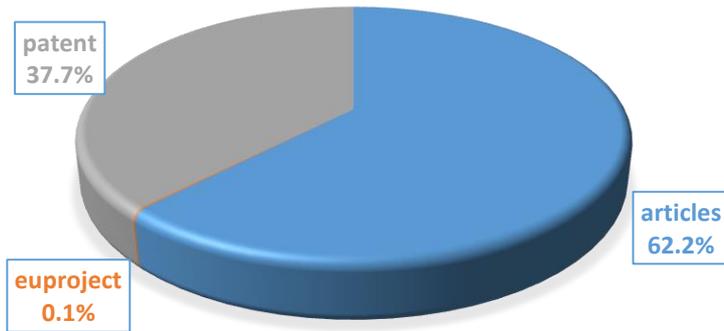Move the selectors to adapt the view to different times frames

3. Browse your datasets
Select which dataset to visualise

jrc-tim-support@ec.europa.eu

Search

More than 60.000.000 documents
Scientific publications (Semantic Scholar), Patents (Patstat) and EU projects (Cordis)

patent
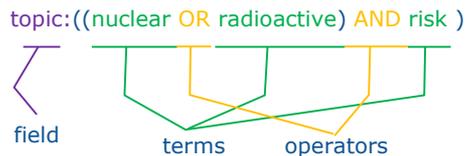37.7%

articles
62.2%

euproject
0.1%

Define your search string
Use a combination of keywords (terms) in fields and link them with Boolean operators.

Quick search tips
Use topic to search in title, abstract and keywords.
Use AND, OR, NOT to limit or include terms and fields
Use the parenthesis to structure your search

Query example:

topic:((nuclear OR radioactive) AND risk)

field   terms   operators

You can also use special fields to limit the search to specific years, specific types of documents, etc..
Please visit the tutorial on searching for more information on how to perform a search

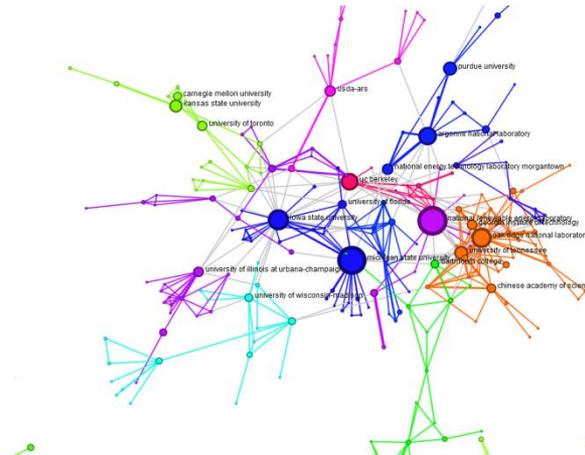# Explore

Navigate transversally through the data

Organisations: See the organisations that are publishing, patenting or beneficiaries of EU projects and the collaborations between those. Please note that semantic scholar does not provide affiliation information.
Location: See where those entities are located. Cities, NUTS regions, countries, Europe vs rest of the world, only EU countries…
Topics: See the journal categories and patent classes. Analyse author keywords and additional keywords retrieved by TIM.

+ see by years, types of documents and more…

Network analysis

How to interpret a network graph

Size of the nodes: Number of documents retrieved for an organisation, location, topic or other.
Edges (lines between two nodes): Co-occurrence in the same document(s): edge thickness relative to number of documents in common
Colours: Communities of nodes that tend to appear more together than with the others

Other visualisations and data
Geographical, Analytical Charts, Excel exports

Access documents
Get access to documents behind the trends. Double click on a node to filter for specific publications, patents or EU projects. Read the abstract and see the names of authors, applicants or beneficiaries and their affiliations.

For more information: TIM - Tools for Innovation Monitoring