



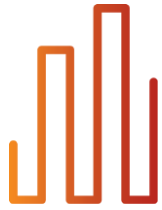
IMA World Congress - Vienna - 8-10 JAN 2024

“e-SearchM”,
*an internet collaborative search tool for
microsimulation*

Philippe Liégeois, LISER

This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement no 730998 (InGRID_2, <https://www.inclusivegrowth.eu/>, see Projects outputs ⇒ Reports)





Motivation



An e-Survey (not really representative) on MSM organized in the scope of the recent EU-funded InGRID-2 project showed^(*) (confirmed) that :

- 2/3 of respondents are working in **little teams** (≤ 3 persons), half considering such a team size as not sufficient

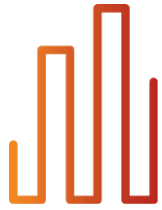
Are you *currently* working with a dedicated team in your institution?

Currently, how would you define your personal status with regard to microsimulation modelling?

	Total	Developer	User only	Beneficiary only
Total	79	61	12	6
No team	15	8	4	3
1-3 persons	36	30	4	2
> 3 persons	28	23	4	1

- half **rarely collaborate** outside their institution and
- more than half **would prefer more collaboration**

(*) Report by **Peng Zhan** (CN, Zhejiang University) and the whole InGRID-2/SIG team



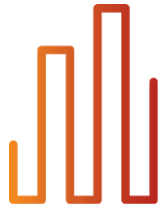
Objective and General Organization



Hence and out of the IMA objectives, some room for a tool like **e-SearchM**, an *internet collaborative search tool for microsimulation*, which objective is the identification, in order to make it available to the larger community, of **resources** associated to microsimulations : *models, development and simulation tools, and events*

e-SearchM is **now operational** and will be soon (a matter of days) publicly available at <https://e-searchm.liser.lu/>

Resources are proposed by **submitters** (who **must register**) and briefly checked by an **editorial board** composed based on a **collaboration between** the Luxembourg Institute of Socio-Economic research/**LISER and IMA** (Coop. Agreement) : presently **PhL** (LU, head), **Gijs Dekkers** (BE), **Sophie Pennec** (FR) and **Jinjing Li** (AU)



A General View



1 (if submitter)

E-SEARCHM

ABOUT

SIGN IN

An e-Collaborative Search Tool for MicroSimulation

SEARCH

Find a resource with our search engine

SHARE A RESOURCE

[A 6-step procedure summarised here](#)

2 (Either, for all users, ...)

3 (... and, if submitter)



Search for a Resource (all Users)



Home -> Search

Search results summarized

EITHER search based on the NAME of resources ⓘ

Author's names

SUBMIT

OR search based on the CHARACTERISTICS of resources ⓘ

Types of resource

× EVENT : Training / Work

Topics

× Pensions

Author's names

Author's names

Institution's names

Institution's names

SUBMIT

Types of resource : EVENT : Training / Workshop / Seminar / Conference / Other Events
AND
Topics : Pensions

1 (either based on **name**) ...

3
(**summary** of search criteria,
if « characteristics »)

4
(area for search **outcomes**,
if any)

2 (... or based on **characteristics**,
type-dependent)



Proposing a Resource (by a submitter)



Home -> Share a Resource

DESCRIBING A MICROSIMULATION RESOURCE

Resource

* **Name** (must be unique) ⓘ

Name

* **Type of resource** ⓘ

Type of resource

* **Topics** (several possible: re-enter to add topics)

Topics

Website

Website

Target group for that resource ⓘ

Target

Public status ⓘ

Status

Other e-SearchM resources linked (several possible) ⓘ

Other Resource

1 (fields below are
type-dependent)

3 (for more information,
also below via
documents attached)

2 (possibility of linkage
between resources, e.g. a
model with development
platform/tool)



Follow-up of Proposals and Resources (for Submitters only)



ABOUT MY RESOURCES 0 ESM_S1

Home -> My Resources

Requested for final confirmation (frozen) 0 Opened for final confirmation 0 Confirmed 0 On line 0

→ The 6-step walk summarised here

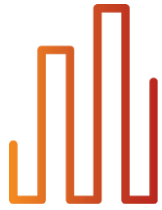
No resource available

3 (status of the resource :

Saved/Submitted, Requested for final confirmation, Opened for final confirmation, Confirmed, On-line, Hidden)

2 (number of resources for that submitter)

1 (submitter / login, and account management)



Next Steps ?



Wait a few more days (an email will be sent to IMA Members)

Do not hesitate to [share this information](#) with non-IMA members

Just do it : [register](#) (if desiring to propose contents) and [make proposals](#)

NB : The submitter is an author/organizer of the resource and **all** other **authors/organizers** mentioned on top **will be contacted for agreement**

(see the « *Terms of Use* », rather complicated given GDPR, ...)

Be patient and understanding about the procedure to be followed (see the “[6-step procedure](#)” document)

[New & evolving tool](#), hence [go back to us](#) if questions, remarks or suggestions (Contact : eSM.HoE@liser.lu), e.g. regarding the so-called « [closed lists](#) » like for « Topics » (e.g. no « environment » or « energy » yet)