# EPATEE

## **The Knowledge Base** on evaluation practices developed in EPATEE

Barbara Schlomann, Barbara Breitschopf, Fabian Voswinkel, Fraunhofer ISI 2<sup>nd</sup> European Peer Learning Workshop of EPATEE and 3<sup>rd</sup> Regional Training Workshop of ODYSSEE-MURE 25<sup>th</sup> April 2018, Vienna



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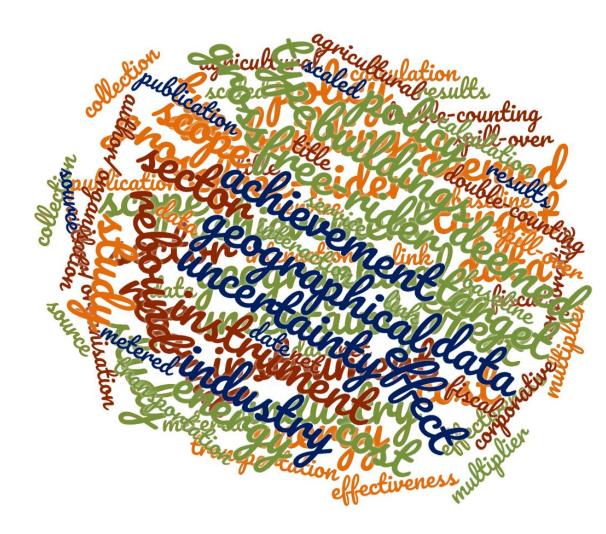
What is the Knowledge Base?

Description Benefit

How to use it?

Search

Results



### **EPATEE** What is the Knowledge Base



- Collection of evaluation studies:
  - evaluation reports
  - evaluation papers
  - evaluation guidelines
  - meta evaluations
  - methodological paper
- Goal:
  - facilitate access to evaluation studies
  - to provide concrete materials and information
  - online access through EPATEE website

#### • Features:

- bibliographic information
- evaluation information
- methodolgical aspects:
  - data collection
  - calculation methods
  - adjustment factors
  - energy savings & additional benefits
- Search:
  - search by category
  - advanced search

### **EPATEE** What is the Knowledge Base



#### • Content:

- about 170 studies
- bias towards
   residential sector
- mostly ex-post evaluations
- practical paper:
   evaluation reports
   and papers
- theoretical papers

Number of evaluation studies by types of studies and effects 40 30 20 10 Direct rebound Indirect repound Noncompliance Double counting Distributional effects Macroeconomic competitiveness Free-rider Additionality Energy security spillover PerformanceBaps Prebound Avoided CO2 Practical papers Theoretical Papers

#### EPATEE How to use the Knowledge Base?

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improving their evaluation

- Go to EPATEE website
- Click on <u>"Knowledge</u> Base"\*
- Select search by categories
- Select by indicated criteria
- Click on "SEARCH"

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Search by Categories					
Year of publication				2017	Language None selected +
Study type None selected	Type of policy instrum	nent	Sector None selected		Geographical scope None selected ~
✓ ADVANCED SEARCH					
SEARCH	CLEAR ALL				
Project EPATEE A project to improve the Energy Efficiency polic	Frau Res	ntact Inhofer Institute for Syste earch ISI Inpetence Center Energy P		This project Union's Hori	on on funding has received funding from the European zon 2020 research and innovation under grant agreement No. 746265.

\* Test version  $\rightarrow$  the final link to the knowledge base will be available in a few weeks.





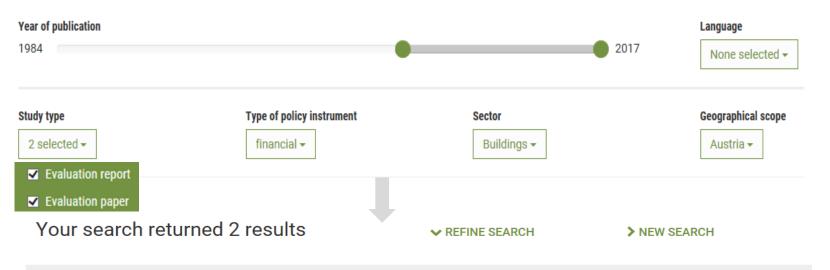
#### Search by Categories

Year of publication 1984		2017	Language None selected →
Study type None selected -	Type of policy instrument	Sector None selected -	Geographical scope
<ul> <li>Evaluation report</li> <li>Evaluation paper</li> <li>Methodological paper</li> <li>Meta-evaluation</li> </ul>			
Guidelines None selected ▼	Objective of evaluation None selected -	Data Collection None selected -	Calculation method         None selected -
Baseline / counterfactual None selected -	Savings data presentation None selected -	None selected -	Effect adjustments None selected -
Cost data None selected -	Uncertainty analysis None selected -	Other impacts None selected -	Case Study available None selected -
SEARCH	CLEAR ALL		





#### Search by Categories



Austria German	Evaluierung und Monitoring des Städtischen Energieeffizienz-Programms (SEP) der Stadt Wien für die Jahre 2006-2015
2015	Karner et al.         Study type: evaluation report         Geographical scope; Austria         MORE INFORMATION         SHOW DOCUMENT
Austria	Evaluierung der Umweltförderungen des Bundes 2011 - 2013
German 2014	Karner et al.         Study type: evaluation report         Geographical scope: Austria         MORE INFORMATION         SHOW DOCUMENT

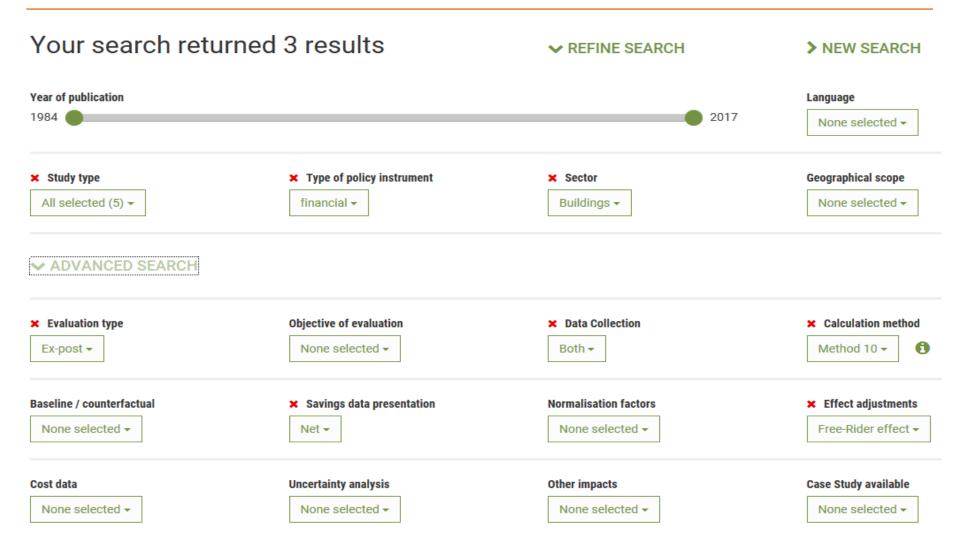




Austria	Evaluierung und Monitoring des Städtischen Energieeffizienz-	Programms (SEP) der Stadt Wie
German	für die Jahre 2006-2015	
2015	Karner et al.         Study type: evaluation report         Geographical scope: Austria         MORE INFORMATION         SHOW DOCUMENT	
	Type of policy   legislative / normative	mandatory standards
	Type of policy   financial	grants
	Type of policy   information / education	several
	Sector addressed by policy   Buildings	✓
	Sector addressed by policy   Household (other than buildings)	✓
	Sector addressed by policy   Services private (other than buildings)	✓
	Sector addressed by policy   Services public (other than buildings)	✓
	Sector addressed by policy   Industry (other than buildings)	✓
	Sector addressed by policy   Transport	✓
	Evaluation type   Ex-post	✓
	Evaluation type   Bottom-up	✓
	Evaluation type   Top-down	✓
	Objective of evaluation	combined
	Data Collection	both
	Calculation method	method 10
	Baseline / counterfactual	before/after
	Savings data presentation   Gross	✓
	Normalisation factors   Other	✓
	Other impacts   Avoided CO2 emissions	*

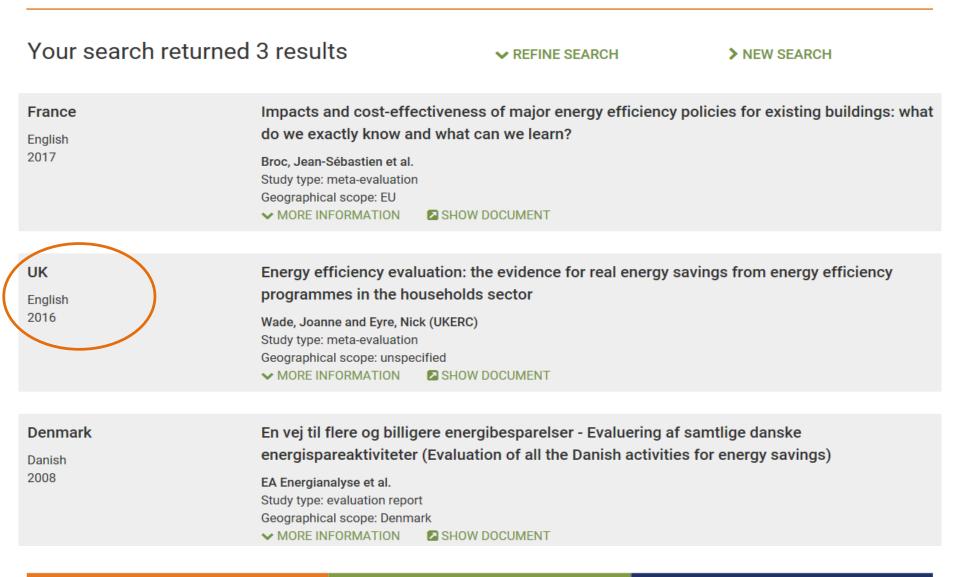












### **EPATEE**



UK	Energy efficiency evaluation: the evidence for real energy savings	from energy efficiency
English	programmes in the households sector	
2016	Wade, Joanne and Eyre, Nick (UKERC) Study type: meta-evaluation Geographical scope: unspecified MORE INFORMATION	
	Type of policy   legislative / normative	several
	Type of policy   legislative / information	mandatory labelling
	Type of policy   financial	several
	Type of policy   information / education	several
	Type of policy   cooperative	several
	Type of policy   market-based instruments	EEO
	Sector addressed by policy   Buildings	~
	Sector addressed by policy   Household (other than buildings)	~
	Evaluation type   Ex-ante	×
	Evaluation type   Ex-post	~
	Evaluation type   Bottom-up	~
	Evaluation type   Top-down	×
	Objective of evaluation	combined
	Data Collection	both
	Calculation method	method 10
	Baseline / counterfactual	multiple
	Savings data presentation   Gross	✓
	Savings data presentation   Net	✓
	Normalisation factors   Pre-bound effects	✓
	Normalisation factors   Direct rebound effect	×
	Normalisation factors   Other	×
	Effect adjustments   Free Rider effect	×
	Effect adjustments   Spill over/multiplier effect	×
	Effect adjustments   Indirect rebound effect	×
	Uncertainty analysis	×





### Thank you for your attention

Contact

barbara.schlomann@isi.fraunhofer.de

barbara.breitschopf@isi.fraunhofer.de

#### www.epatee.eu