

The EUnetHTA perspective

Rescuing the HTA database – future options and challenges

HTAi 2017 Annual Meeting

Rome, Italy

June 17-21, 2017

Patrice X. Chalon,
coordinator of the EUnetHTA Work Package 6 Activity Centre B “Scientific guidance and tools”

EUNETHTA

EUNETHTA AND THE HTA DATABASE
TECHNICAL OPTION
CONCLUSION

The European network for Health Technology Assessment (EUnetHTA)

Network:

81 partners consisting of national, regional and non-for-profit agencies that produce or contribute to HTA

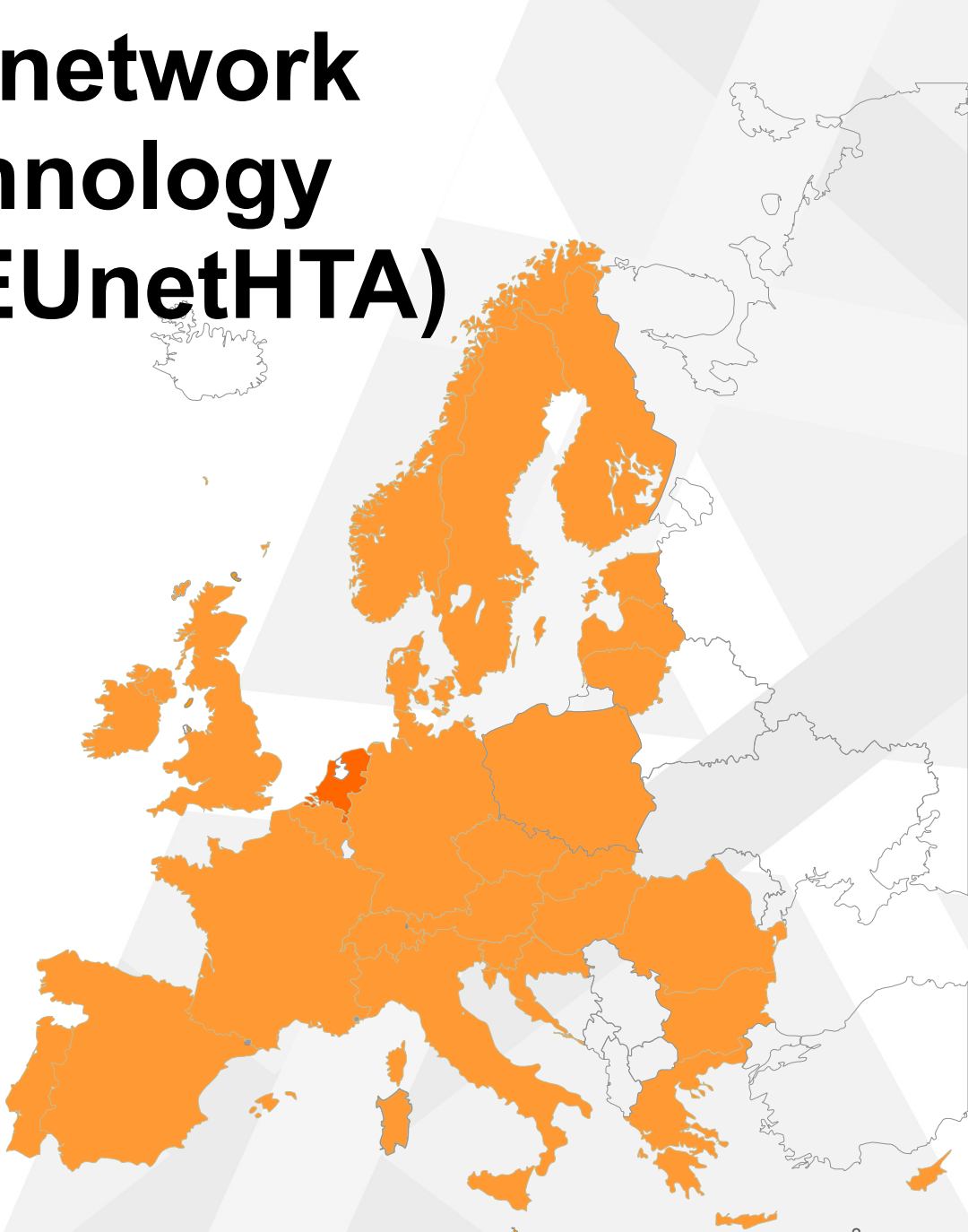
Project Coordinator:

Dutch National Health Care Institute (ZIN)

Funded by:



2006-2008: Project
2010-2012: Joint Action 1
2012-2015: Joint Action 2
2016-2020: Joint Action 3



EUnetHTA objectives



To produce high quality HTA joint assessments



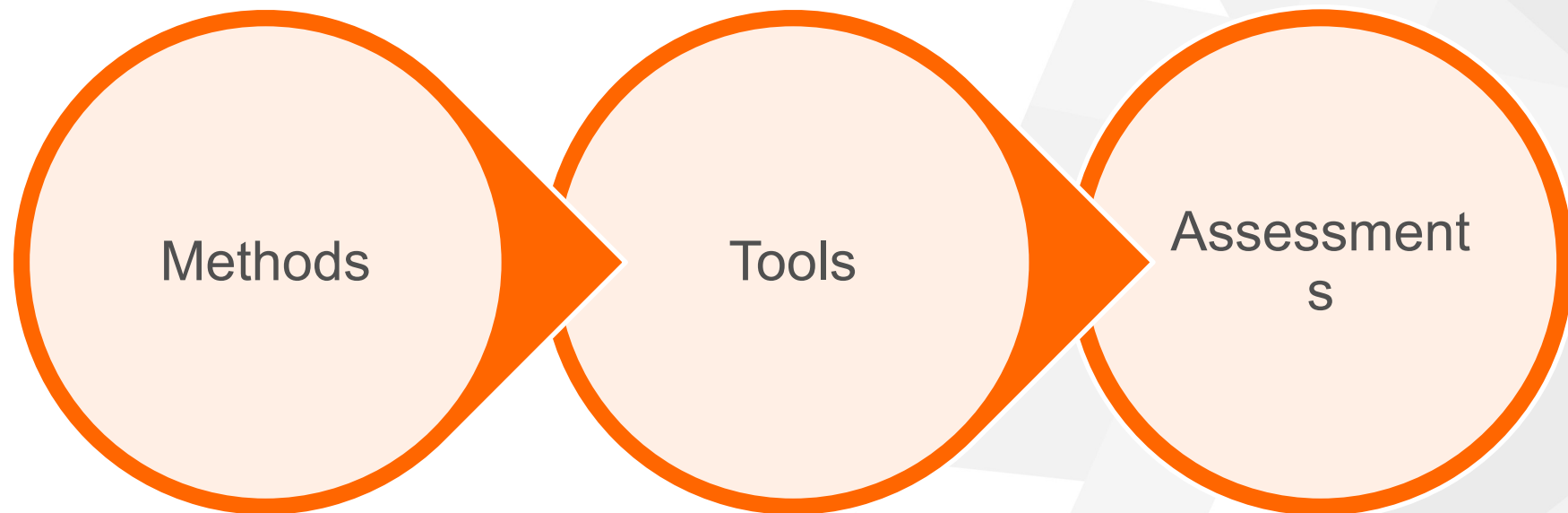
To favor uptake and implementation of joint HTA work at the national, regional and local level and therefore reduce duplication of efforts and enhance efficiency



To build a sustainable network

JA3

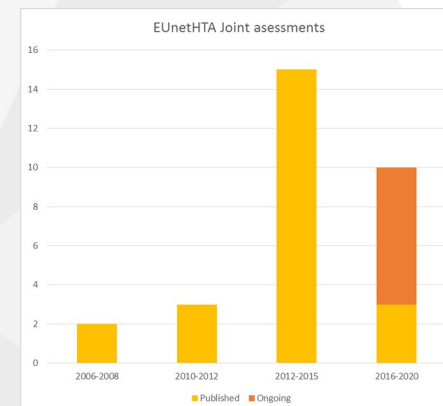
EUnetHTA Outputs



- 1 Procedure manual
- 14 Methodological guidelines
- 1 Concept paper

- EUnetHTA Evidence Submission Templates
- HTA Adaptation toolkit
- HTA Core Model®
- POP database
- EVIDENT database

- 23 published (since 2006)
- 7 ongoing



EUnetHTA Assessments

Core assessments

1. Health problem and current use of technology (CUR)
2. Description and technical characteristics of technology (TEC)
3. Safety (SAF)
4. Clinical effectiveness (EFF)
5. Costs and economic evaluation (ECO)
6. Ethical analysis (ETH)
7. Organisational aspects (ORG)
8. Patients and Social aspects (SOC)
9. Legal aspects (LEG)

Rapid Relative Effectiveness Assessments

JA3

1. Health problem and current use of technology (CUR)
2. Description and technical characteristics of technology (TEC)
3. Safety (SAF)
4. Clinical effectiveness (EFF)
5. Costs and economic evaluation (ECO)
6. Ethical analysis (ETH)
7. Organisational aspects (ORG)
8. Patients and Social aspects (SOC)
9. Legal aspects (LEG)

1-4 Rapid REA
model

6-9 Replaced by
checklists

Sources:

<https://mekat.thl.fi/htacore/model/HTACoreModel3.0.pdf>; http://mekat.thl.fi/htacore/model/HTACoreModel_ForRapidREAs4.2.pdf

EUNETHTA

EUNETHTA AND THE HTA DATABASE

TECHNICAL OPTION
CONCLUSION

Description of ongoing projects

Sharing information about planned projects helps to **identify topics that may could result in a EUnetHTA Joint / Collaborative assessment**



Some EUnetHTA partners **may not make their research program public**

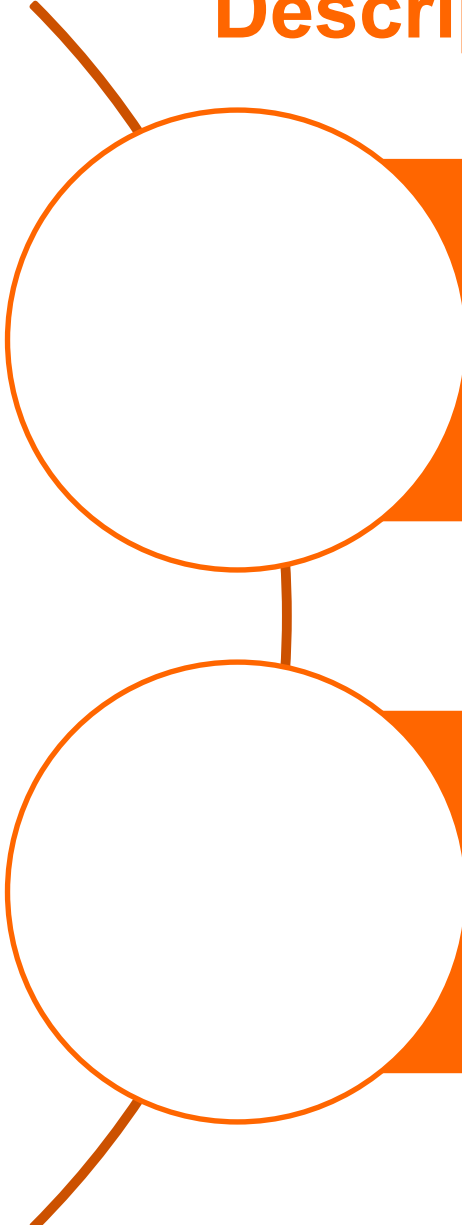


EUnetHTA developed its own tool: the Planned and Ongoing Projects database (POP DB)



EUnetHTA and CRD have been in contact to evaluate the **options for interoperability** between EUnetHTA POP DB and HTA DB (public ongoing projects)

Description of reports



Sharing information about published reports (national or EUnetHTA assessments) at international level is **considered as a priority for EUnetHTA**

CRD HTA DB being existing and well established, **EUnetHTA did not planned to develop a database describing published reports** but invited its partners to provide content to the HTA DB

INAHTA initiative



Consortium

- EUnetHTA does not participate as such, but EUnetHTA partners were encouraged to participate in the consortium

Task group

- EUnetHTA participates in the task group
 1. **HTA database should keep the MeSH indexation**
 2. **HTA database should allow to avoid multiple encoding of the same information**

EUNETHTA

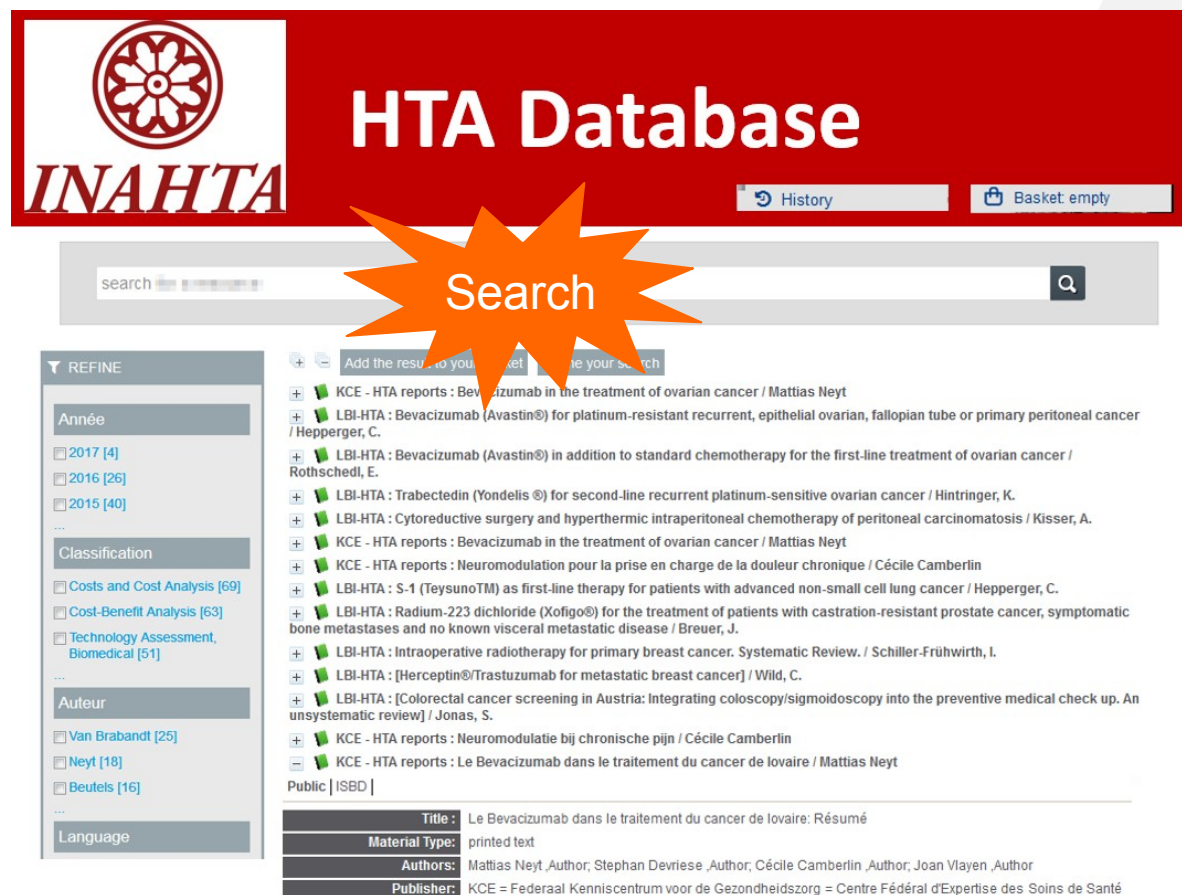
EUNETHTA AND THE HTA DATABASE

OPTION 3: INSTITUTIONAL REPOSITORY PLATFORM

(OAI-PMH COMPLIANT)

CONCLUSION

Similar to current functionalities



HTA Database

History Basket empty

search

Search

REFINE

Année

2017 [4]

2016 [26]

2015 [40]

Classification

Costs and Cost Analysis [69]

Cost-Benefit Analysis [63]

Technology Assessment, Biomedical [51]

Auteur

Van Brabandt [25]

Neyt [18]

Beutels [15]

Language

Add the results to your basket or refine your search

- KCE - HTA reports : Bevacizumab in the treatment of ovarian cancer / Mattias Neyt
- LBI-HTA : Bevacizumab (Avastin®) for platinum-resistant recurrent, epithelial ovarian, fallopian tube or primary peritoneal cancer / Hepperger, C.
- LBI-HTA : Bevacizumab (Avastin®) in addition to standard chemotherapy for the first-line treatment of ovarian cancer / Rothschedl, E.
- LBI-HTA : Trabectedin (Yondelis®) for second-line recurrent platinum-sensitive ovarian cancer / Hintringer, K.
- LBI-HTA : Cytoreductive surgery and hyperthermic intraperitoneal chemotherapy of peritoneal carcinomatosis / Kisser, A.
- KCE - HTA reports : Bevacizumab in the treatment of ovarian cancer / Mattias Neyt
- KCE - HTA reports : Neuromodulation pour la prise en charge de la douleur chronique / Cécile Camberlin
- LBI-HTA : S-1 (Teysono™) as first-line therapy for patients with advanced non-small cell lung cancer / Hepperger, C.
- LBI-HTA : Radium-223 dichloride (Xofigo®) for the treatment of patients with castration-resistant prostate cancer, symptomatic bone metastases and no known visceral metastatic disease / Breuer, J.
- LBI-HTA : Intraoperative radiotherapy for primary breast cancer. Systematic Review. / Schiller-Frühwirth, I.
- LBI-HTA : [Herceptin®/Trastuzumab for metastatic breast cancer] / Wild, C.
- LBI-HTA : [Colorectal cancer screening in Austria: Integrating colonoscopy/sigmoidoscopy into the preventive medical check up. An unsystematic review] / Jonas, S.
- KCE - HTA reports : Neuromodulation bij chronische pijn / Cécile Camberlin
- KCE - HTA reports : Le Bevacizumab dans le traitement du cancer de l'ovaire / Mattias Neyt

Public | ISBD |

Title :	Le Bevacizumab dans le traitement du cancer de l'ovaire : Résumé
Material Type:	printed text
Authors:	Mattias Neyt ,Author; Stephan Devriese ,Author; Cécile Camberlin ,Author; Joan Vlayen ,Author
Publisher:	KCE = Federaal Kenniscentrum voor de Gezondheidszorg = Centre Fédéral d'Expertise des Soins de Santé



Horizon Scanning in Oncology

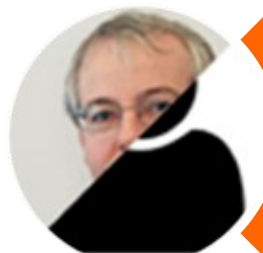
Trastuzumab (Herceptin®) in addition to standard chemotherapy as first-line therapy for advanced gastric cancer

Access

Option 3 : Expected added value



**Automatic
dissemination
to other grey
literature
aggregators**



**Reduce
burden**



**Favour
immediacy**



**Option for the
‘long term’
archiving of
HTA reports**



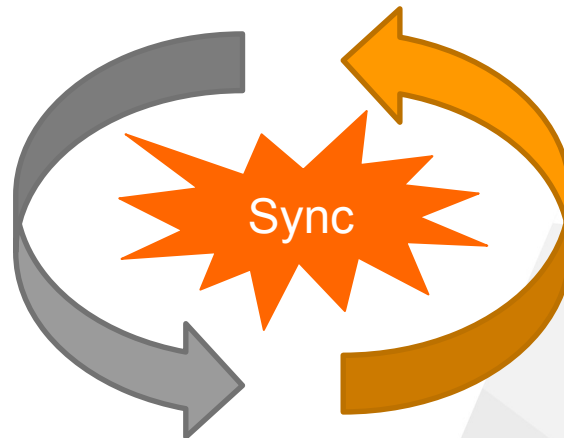
- Open Archives Initiative – Protocol for Metadata Harvesting (OAI-PMH)

FOR DUMMIES

Server (EXPOSE meta data)



1



2

IMPORT

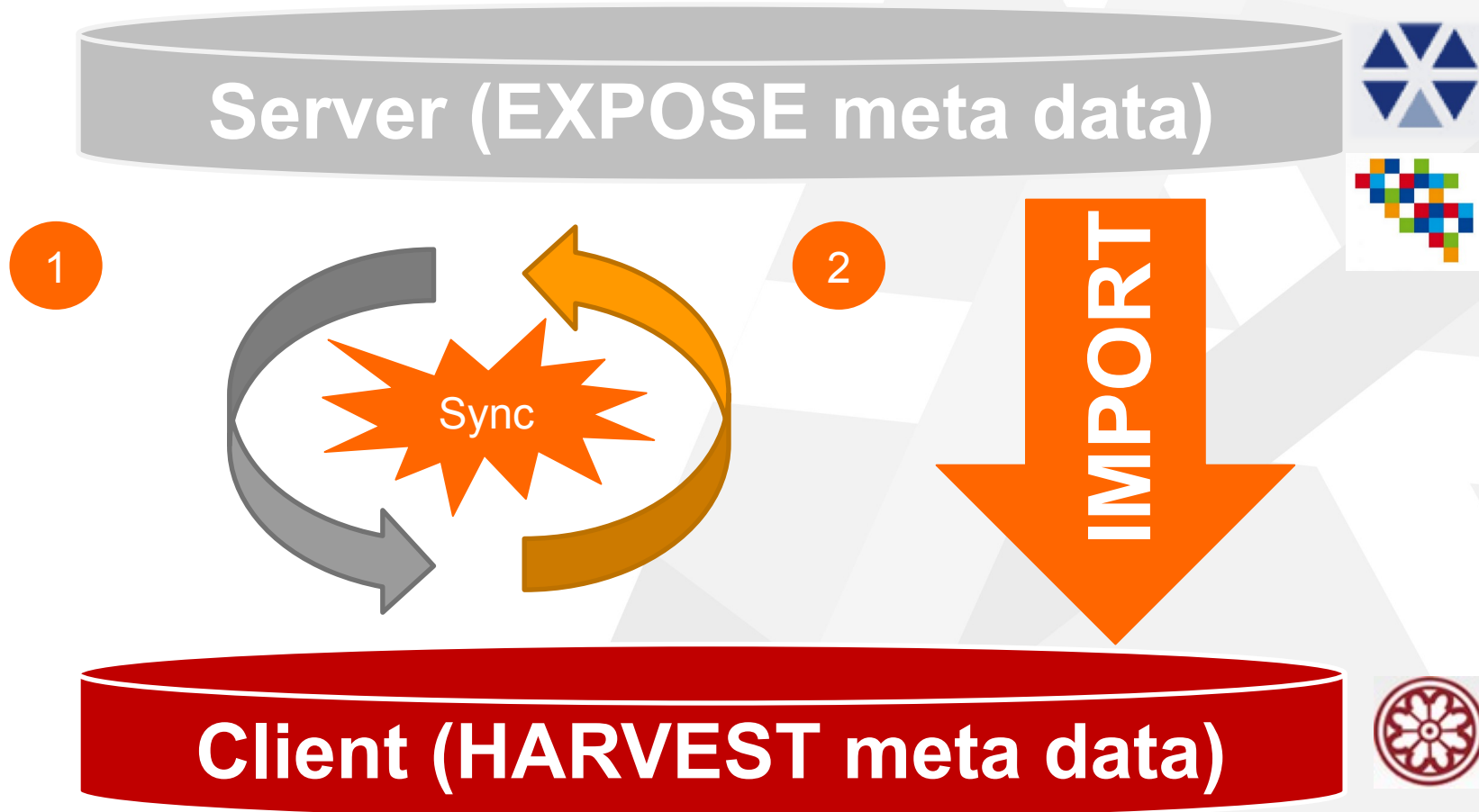
Client (REQUEST meta data)





- Open Archives Initiative – Protocol for Metadata Harvesting (OAI-PMH)

FOR DUMMIES



HTA DB: Actors and roles



Disseminate reports description



Ensure HTA db brokering

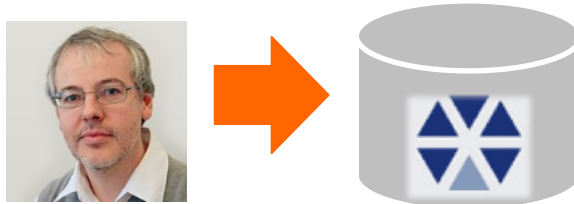


Identify HTA reports

HTA DB feeding: legacy situation

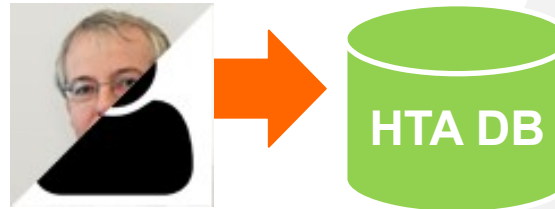
1

Encode (1st)



2

Encode (2nd)



3

Use (Search)



The screenshot shows the 'HTA database client administration' interface. It includes sections for 'Title' (with a text area and language dropdown), 'Creators' (with fields for Family Name, Given Name / Initials, and Email), 'Keywords' (with a text area and language dropdown), and 'Abstract' (with a text area and language dropdown). Orange starburst labels 'MeSH' and 'Abstract' are overlaid on the Keywords and Abstract sections respectively.

The screenshot shows the 'In progress record fields' section of the HTA database client administration interface. It includes fields for 'Title', 'Original language title', 'Authors', 'Abstract', 'URL', 'Language', 'Country code', 'Region', 'Anticipated publication date', and 'Date of HTA assessment'. Orange starburst labels 'MeSH' and 'Abstract' are overlaid on the 'Abstract' and 'URL' fields respectively.



HTA DB feeding: Option 3

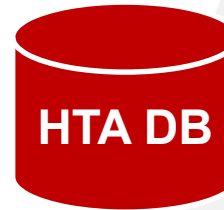
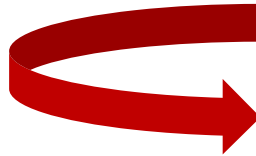
1

Encode (once)



2

Import (automatic)



3

Use (Search)



Title

Mamma - MRT & PET. Diagnostik nach positiver Mammographie

[Breast cancer diagnosis by magnetic resonance imaging or positron emission tomography (PET)]

Language

German

English

Creators

Family Name Given Name / Initials Email

1. Wild C. claudia.wild@hta.lbg.ac.at

2.

Keywords

Uncontrolled keyword

Magnetische Resonanztomographie (MRT) Positronen-Emissions-Tomographie (PET) diagnostische Tests

Magnetic resonance tomography (PET) carcinoma, diagnosis, diagnostic tests

Language

German

English

Abstract

Language

UNSPECIFIED

OAI Record: oai:repository.kce.fgov.be:4167	
OAI Record Header	
OAI Identifier: oai:repository.kce.fgov.be:4167 oai_dc format	
Datestamp:	2017-05-09T13:21:52Z
setSpec:	set_24 identifiers records
Dublin Core Metadata (oai_dc)	
Resource Identifier:	http://www.docresources.info/index.php?lvl=notice_display&id=4167
Resource Identifier:	4167
Resource Identifier:	20170509u uafey0103 ba
Resource Identifier:	D:201710:273:25
Language:	eng
Title:	Bevacuutab in the treatment of ovarian cancer
Title Supplement:	
Publisher:	KCE - Federaal Kenniscentrum voor de Gezondheidszorg = Centre Fédéral d'Expertise des Soins de Santé = Belgisch Instituut voor Medische Wetenschappen
Description:	83 p.
Description II:	
Format:	A4
Coverage:	Study 2015-2016
Description:	APPENDIX REPERTOIRE DE LA RECHERCHE EN COURSE D'APPRÉHENSION DES DONNÉES JL 2016-09-09 14:00:00 ECONOMIC PART 2 - Data en Second-line
Author or Creator:	Nyrt Marianne
Other Contributor:	Devriess Jeanne
Other Contributor:	Guyonnette Catherine
Other Contributor:	Vlaeyen Joao
Subject and Keywords:	2015-06
Subject and Keywords:	Angiotensin Inhibitors
Subject and Keywords:	Antibiotics, Monoclonal, Humanized
Subject and Keywords:	Bevacuuttab
Subject and Keywords:	R285
Subject and Keywords:	WP 322 Neoplasms
Subject and Keywords:	WP 322 Neoplasms
Subject and Keywords:	WP 322 Neoplasms
Relation:	KCE Reports
Relation:	Health Technology Assessment (HTA)

[illegible]

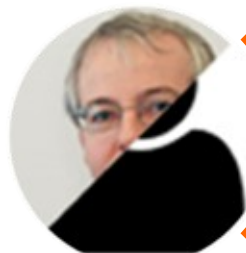
Search

Access

Option 3 : Expected added value



**Automatic
dissemination
to other grey
literature
aggregators**



**Reduce
burden**



**Favour
immediacy**



**Option for the
‘long term’
archiving of
HTA reports**

EUNETHTA
EUNETHTA AND THE HTA DATABASE
TECHNICAL OPTION
CONCLUSION

EUnetHTA plans for the HTA DB

Description of projects

- **If this content type is maintained** at the HTA DB, **contacts will be pursued** to avoid multiple encoding of the same information

Description or reports

- EUnetHTA wish **the HTA DB to include the description of EUnetHTA assessments** to help to reduce the global duplication of efforts and support the global HTA community

XIV

HTAi 2017
Rome, Italy

JUNE 17-21, 2017

#HTAiRome2017

Towards An HTA Ecosystem: From Local Needs To Global Opportunities



Thank you!

Visit us at <https://www.eunethta.eu>



This presentation arises from the EUnetHTA Joint Action 3 which has received funding from the European Union, in the framework of the Health Programme