

# **ADVANCE HTA: Advancing and strengthening the methodological tools and practices relating to the application and implementation of Health Technology Assessment (HTA)**

**Washington DC, 14 June 2014**

**Prof. Jaime Espín, PhD**

## CORE OBJECTIVES

ADVANCE-HTA aims to contribute to advances in the methods and practices for HTA in European and other settings by involving the wider stakeholder community in areas actively and heavily debated given their implications for decision-making and resource allocation.

ADVANCE-HTA aims to make a number of contributions in six distinct areas, which carry significant policy implications for resource allocation.

- DG Research 7<sup>th</sup> Framework Programme
- Project duration: 3 years (2013-2015)

# Advance HTA: Partners

- London School of Hygiene and Tropical Medicine – United Kingdom
- London School of Economics (LSE) – United Kingdom
- Istituto Superiore di Sanita – Italy
- Universidad de Castilla La Mancha – Spain
- Institut Za Ekonomska Raziskovanja – Slovenia
- Technische Universitat Berlin – Germany
- Escuela Andaluza de Salud Publica – Spain
- The European Brain Council – Belgium
- Universite Paris XII Val de Marne – France
- NICE International – United Kingdom
- Agencja Oceny Technologii Medycznych – Poland
- Tandsvards- Dental and Pharmaceutical Benefits Board – Sweden
- Pan American Health Organization - USA



# Advance HTA: Work Packages

- WP 1: Assessing Value for Money
- WP 2: Value Assessment in Health Technology
- WP 3: HTA and Rare Diseases: Assessing the Societal Value of Orphan Drugs
- WP 4: HTA and Quality of Life Measurement
- WP 5: HTA and Medical Devices
- **WP 6: Strengthening and Implementing HTA in Emerging Settings**
- WP 7: Potential Implications: Lessons Learned, Policy Recommendations and Advances in HTA
- WP 8: Dissemination of Project Objectives
- WP 9: Coordination and Management



# WP 6. Project Objectives

- Research objectives:
  1. **To identify the use and capacity of HTA in emerging settings.** This includes the identification of HTA mechanisms and techniques that apply in emerging countries of Europe and Latin America and the Caribbean.
  2. **To encourage the use of HTA for decision-making** by developing formal guidelines for HTA methodologies that make more transparent use of these tools.
  3. To enable and facilitate **exchange** of economic evaluations and **evidence**, reducing duplication efforts, between EU countries with a strong HTA tradition and the Americas/Eastern Europe.



## WP 6. Project Tasks

- **Task 6.1: Mapping exercise of existing HTA activities, networks and capacity in Central and Eastern Europe and Central American and Caribbean countries.**
- **Review and evaluate all the previous mappings** that were undertaken related to HTA and decision-making process, and the ones that are currently being developed (e.g. mapping of the members of the HTA Network of the Americas RedETSA; EUnetHTA for Central and Eastern European Countries; NICE Int.)
- **Develop and validate a survey to collect the information in the selected countries;**
- After receiving the answers to the survey, to **interview key decision-makers in the selected countries** if some information needed to be clarified
- **Task 6.2: Case studies on decision-making informed by HTA, with a view to producing recommendations for strengthening and implementing HTA as a decision-making tool**
- **Task 6.3: Toolkit outlining best practices and recommendations on HTA and decision-making**
- **Task 6.4: Synthesis report**



# WP 6. Project Deliverables

- D6.1: **Mapping** of HTA capacity in Central and Eastern European countries, and Central America and Caribbean countries; **toolbox on best practices** on HTA and decision-making (month 24)
- D6.2: **Recommendations on HTA strengthening** and implementation in emerging settings (month 32)



## WP 6: Progress to date

- A **structure literature review** was performed to identify available information on the use of HTA in the decision-making process in European countries.
- A literature review for the countries in the **Region of the Americas** is in progress
- **Development of a survey** for the mapping on HTA and Decision Making, based on survey instruments identified
- **Identification of key institutions**, besides Ministries of Health and HTA bodies, to be included as key informants (for example, Social Security Institutions)
- Meeting with Caribbean countries scheduled for December 9-10 in Barbados to engage key decision-makers in the mapping exercise, identify possible case studies and needs to be addressed by the toolbox

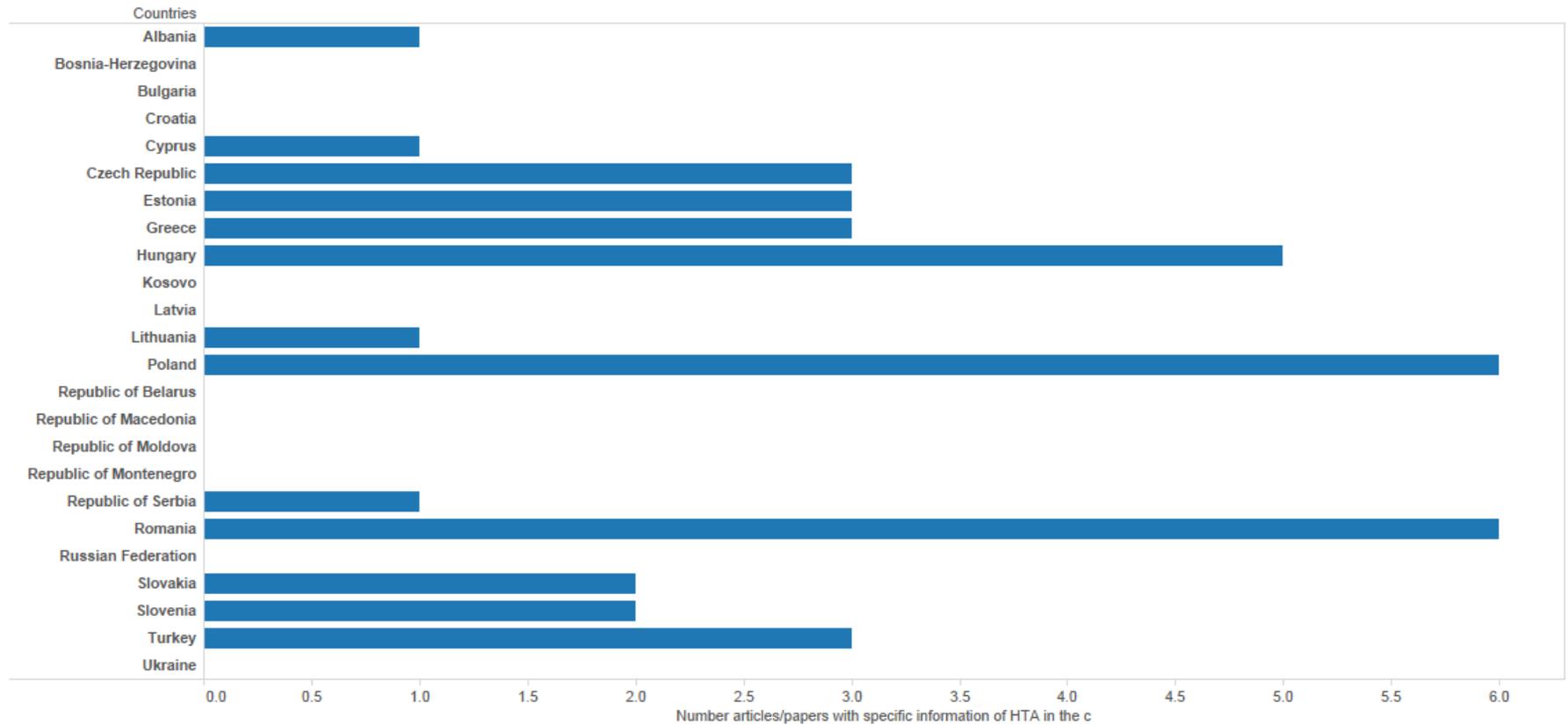


## WP 6. Literature review

- **Objective:** To explore the information available about the use of HTA into the decision making process in the different Central and Eastern Europe (CEE) countries.
- **Methodology:** We conducted a **structured literature** review to identify information available about the use of HTA into the decision making process in the different CEE countries.
- **Search strategy:** We restricted search to studies published **from year 2000** onwards (published in English). The databases searched were MEDLINE, Web of Knowledge. The Cochrane library, Centre for Reviews and Dissemination databases (DARE, NHS, EED, HTA), EUNetHTA and WHO. In addition, reference lists of collected articles were reviewed to identify studies that our search strategy may have missed.
  - key words: “Health technology assessment”, “HTA” , “health technology”, “emerging countries” (eg: Albania, Poland, etc..) “central eastern Europe”

# Results

## Sheet 1



Sum of Number articles/papers with specific information of HTA in the c for each Countries.



# WP 6. Mapping

- **A survey instrument has been designed to collect country-specific data that will allow for the development of a toolkit tailored to emerging countries.**
- The survey was developed due to the lack of information in the literature and websites
- This mapping exercise bridges the knowledge gap by collecting data in countries where there is currently no information on the use of HTA in the decision-making process
- The survey is designed to answer questions relating to the current state of HTA at the country-level, with a special focus on the decision-making process
- Survey responses will be compiled into an “Emerging Country” dataset providing for comparisons at the regional and international levels



Escuela Andaluza de Salud Pública  
CONSEJERÍA DE SALUD Y BIENESTAR SOCIAL

Advance **HTA**



Pan American  
Health  
Organization

# Survey: HTA and the Decision-Making Process in Emerging Settings

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## *Survey Background*

This survey is designed to evaluate health technology assessment (HTA) and decision-making processes in emerging country settings. HTA is a multidisciplinary process that encompasses information about



## WP 6. Mapping (2)

- Covering Central and Eastern European Countries – EUNetHTA + 9: Albania, Bosnia-Herzegovina, Kosovo, Macedonia, Montenegro, Serbia, Belarus, Moldova and Ukraine)
- Covering Central American and Caribbean countries not represented in RedETSA: Panama, Honduras, Barbados, Jamaica, etc.
- Prospective approach: Future Challenges
- Has been sent to EUNetHTA to avoid overlapping with other surveys (for example, in the new survey about economic evaluation guidelines)
- Reviewed by LSE and NICE (taking advantage from previous NICE surveys)
- Support of PAHO/WHO focal points in country offices is key to increase survey response rate



# Advance HTA: Mapping (3)

## Survey Structure and main topics

- Part 1. **Introduction:** Health system characteristics; Institution roles
- Part 2. **HTA: Topic selection criteria;** Types of technologies assessed; Conflicts of interest management; Comparators; Methodological guidelines
- Part 3. **Decision-Making Process:** Link between HTA and decision making; Criteria used for making the decisions; Use of positive and negative lists; Information most frequently used to support decisions; Institutional framework; Stakeholders' involvement; Transparency
- Part 4. **Implementation of Decisions:** Post-decision follow-up for monitoring the implementation of decisions; Use of Clinical Guidelines; Dissemination of information to health professionals
- Part 5. **HTA and Decision-Making – Future Challenges:** Trends in the use of HTA to support decision-making; Policy initiatives to be implemented; main barriers envisaged to the use of HTA

# Advance HTA: Map of CEE Countries



## Countries

CEE covered by EUnetHTA

Estonia, Latvia, Lithuania, Poland, Czech Republic, Slovakia, Hungary, Romania, Bulgaria, Slovenia, Croatia and Russia

Plus

Greece, Cyprus and Turkey

CEE NOT covered by EUnetHTA

Albania, Bosnia-Herzegovina, Kosovo, Macedonia, Montenegro, Serbia, Belarus, Moldova and Ukraine

# Advance HTA: WP 6

## Mapping HTA in the Americas



- **Advance HTA countries:**
  1. **Central America:** Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama.
  2. **Caribbean:** Dominica, Dominican Republic, Barbados, Jamaica, St. Lucia, St. Maarten, Trinidad and Tobago.
  3. **South America:** Venezuela, Guyana, Surinam.



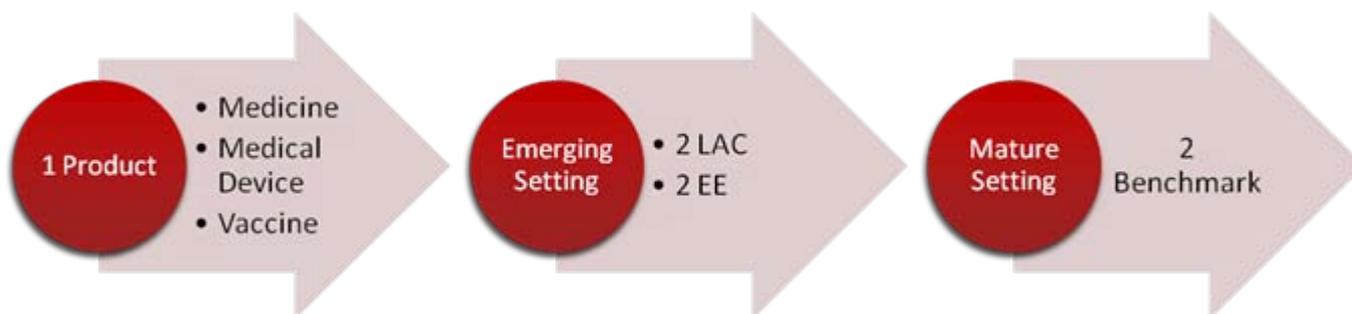
## WP 6. Future Work Planned

- Activities to be undertaken in 2014:
  1. **Perform mapping** on HTA and Decision-making in emerging countries
  2. **Develop case studies** on the decision-making processes and the use of HTA
  3. **Develop adaptable toolkit** for emerging countries for improving decision-making processes, outlining best practices, concrete examples and innovative approaches
  4. **Workshops to present and discuss the case studies** and validate the preliminary version of the toolkit

# Case Study Framework

## EU Advance HTA Project

- To study the decision-making process of 3 products in a total of 6 countries.
- Research outputs: 18 country mini-studies.



### Research Outputs

- 3 Products
- Regional sampling:
- 6 LAC
- 6 EE
- 6 Mature



- Trastuzumab
- HPV Vaccine
- Drug eluting stents
- Next step: research product in select country.

- LAC: Colombia & Mexico
- EE: Poland & Albania/Serbia

- Select 2 "mature" countries: UK & Canada



**Thanks for your attention**

[jaime@easp.es](mailto:jaime@easp.es)