

Associated Institute of the University of Basel

Swiss Centre for International Health

Establishing a functional system of HTA

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How to .. Establish a functional system of HTA



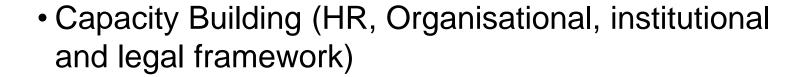




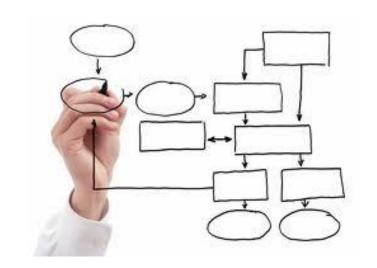
Systems building, classical roadmap



- Systems Analysis
- Systems Design
- Systems Development



Implementation, Project Management, M&E

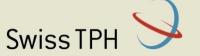


.. Systems, .. What is HTA specific?



- Universal: key processes
 - assessment
 - appraisal
 - decision
- Non-universal: Variables and determinants
 - Actors, driving forces
 - Institutions (existing, t.b. build)
 - Characteristics (transparency, implementation modes, ..)

... learning from other countries?



	GB	Sweden	Austria	Germany	France	Netherlands	Switzerland
HTA agency	NICE	SBU	BIQG	IQWiG	HAS	CVZ	(BAG)
Prioritisatio n Process	Evid ence	applicati on	applicati on	Evidence	applicati on	application	application
Descision	comi ssion	Expert board	Comissi on	Federal comission	Ministry	Ministry	(Ministry)

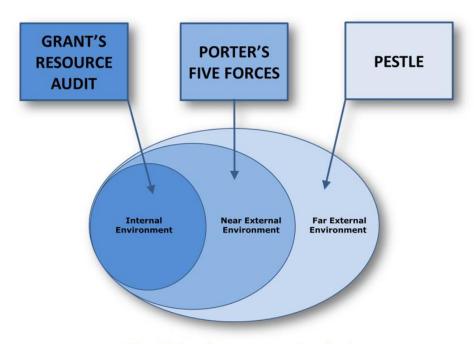
.. History, diversity, values, environment...!

HTA environment



... determines structure and content

- 1. Political
- 2. Economical
- 3. Legal
- 4. Resources pool
- 5. Incentive structures
- 6. Populations expectations



The 3 Environments Analysis

Country comparison, underpinnings



Health Expenditures and Size of Economy

Country	Population *	GNI*	Health Expenditure*		Government Spending on Health**		Hospital Beds*		Physicians*		Mobile cellular subscription s **	Internet Users **	
	in millions	per capita (PPP \$)	per capita (PPP \$)	as % of GDP	% of total health exp.	% of total gov. exp.	per 10,000 pop.		per 10,000 pop.		per 100 people	per 100 people	
Switzerland	7.6	39'210	5'072	11.3	59.6	20	53	2008	40.7		120	70.9	
Czech Republi(2009)	10.5	23'380	1'495	8	84	15	71	2009	36.7	2009	137	64	

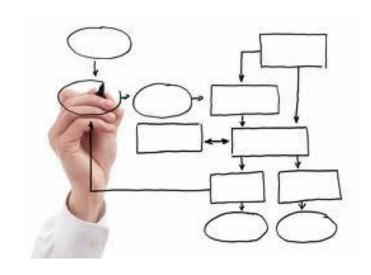
^{*}Data retrieved from: http://apps.who.int/ghodata/?theme=country

^{**} Data from World Bank 2009

HTA systems building: Groundworks



- Stakeholder Analysis
- Force Field Analysis (drivers, obstacles)
- Advocacy (lobbying, alliances..)
- Starting conditions (building on existing structures?)



HTA approaches, tools



- Strategy Development
- Organisational Development
- Strategic PLANNING

 Mission Strategic Success Factors

 Privers Factors

 Vision Stakement Stakement Stakement Issues

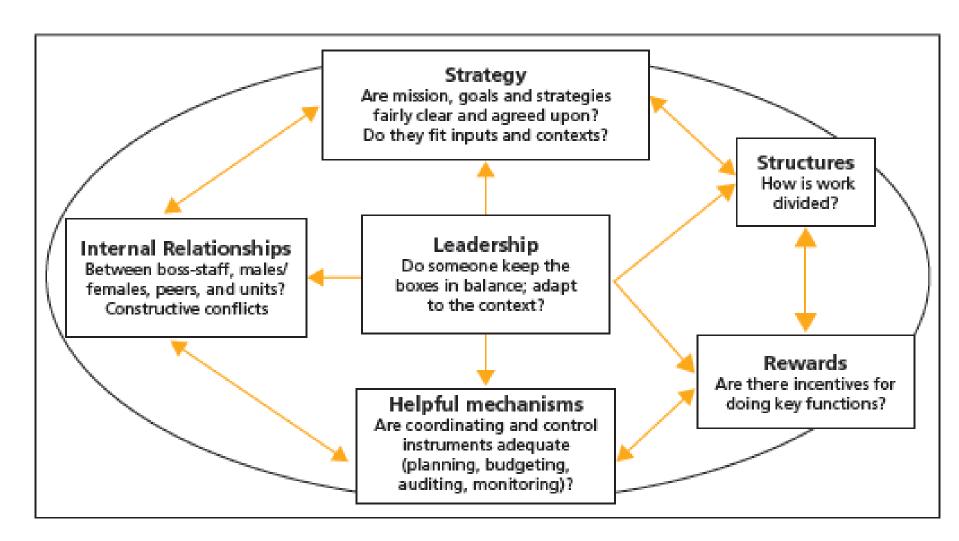
 Stakement Stakement

- Process modelling
- Capacity Building (HR, Organisational, institutional and legal framework)
- Project management, Indicator development
- Change management

Organisational development frames



e.g., the Six Box Model



The six box model: European comission, tools and methods series, 2005

HTA institutions: Functions & Performance



Tactical

CULTURE AND VALUES

/ **Consensus** (transparency, accountability, independence,..)

/ **Organisational climate** (leadership, teamworks, innovation orientation, changes willingness, .)

PRODUCTION

Operational Alignment

/ Productivity

/ Coordination Mechanisms

/ Quality

/ Volume

ADAPTATION, MAINTAIN

Sontextual Alignment

/ Capacity to acquire resources

/ Ability to gain external support

/ Responsiveness to needs

/ Innovation and learning

GOAL ATTAINMENT

Effectiveness:

/ descision making impact

organisation and service impact

/ societal impact

/ Reserch impact

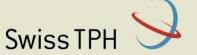
Efficiency:

Adapted from: Sicotte et al, Intl J. of Technology Assessment in Health Care 24:1, 2008

Strategic

Alignment

Ressources to strengthen HTA systems



European Network for Health Technology Assessment



Work Packages

JA2 WP1 - Coordination

JA2 WP2 - Dissemination of the project

JA2 WP3 - Evaluation of the project

JA2 WP4 - Testing collaborative production of HTA information for national adaptation and reporting

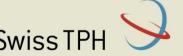
JA2 WP5 - Applying the HTA Core Model for Rapid Assessment for national adaptation and reporting

JA2 WP6 - Information Management Infrastructure and Services (IMIS)

JA2 WP7 - Methodology development and evidence generation: Guidelines and pilots production

JA2 WP8 - Maintenance of HTA Core Model infrastructure to support shared production and sharing of HTA information

How to .. Establish a functional system of HTA



What matters....!

- 1. Passion for health services improvement
- 2. International networking
- 3. Political determination and commitment





Thank you for your attention

www.snhta.ch

www.swisstph.ch

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