

TDR's research and capacity development strategy

30 Years of Research and Capacity Building in Tropical Diseases

Fabio Zicker

TDR Portfolio policy & development

TDR support pipeline

C a p a c i t y b u i l d i n g

**New
knowledge /
discoveries**

**New and
improved
tools**

**New and
improved
interventions**

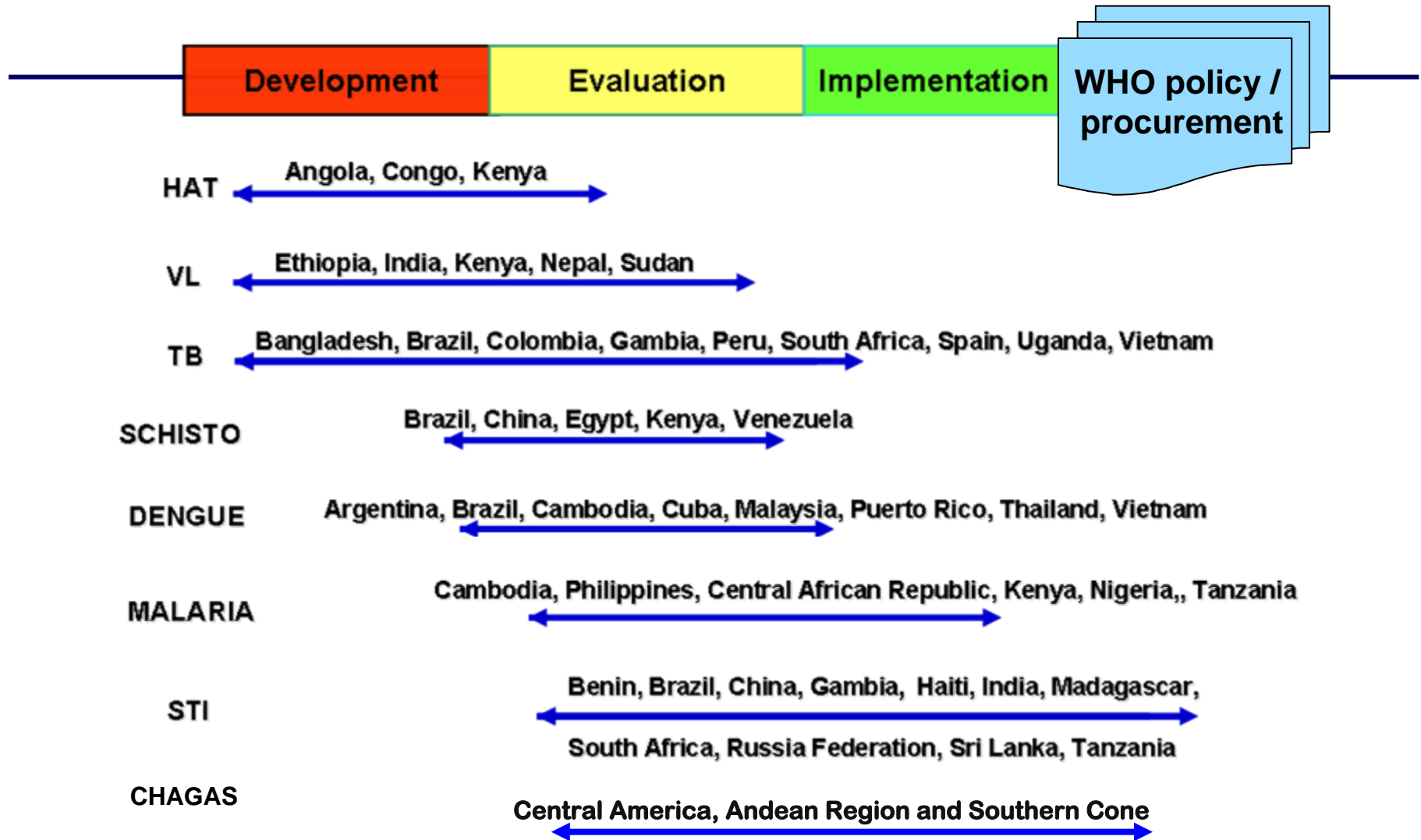
**New and
improved
strategies**

**Health
Impact**

K n o w l e d g e m a n a g e m e n t



Building on country networks



30 years ago



TDR was the single major global player in research & training in tropical diseases



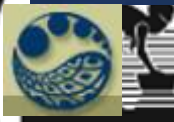
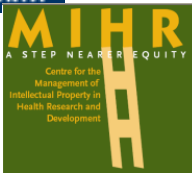
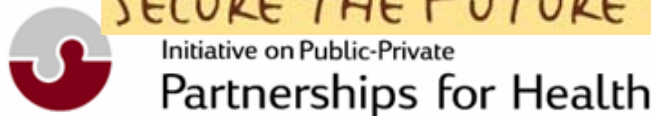


Medicines for Malaria Venture

Schistosomiasis Control Initiative



SECURE THE FUTURE



Global Polio Eradication Initiative

GLOBAL ALLIANCE FOR TB DRUG DEVELOPMENT



Global Forum for Health Research



EMVI

The European Malaria Vaccine Initiative



NetMark Public-Private Partnersh



Hope for African Children Initiative



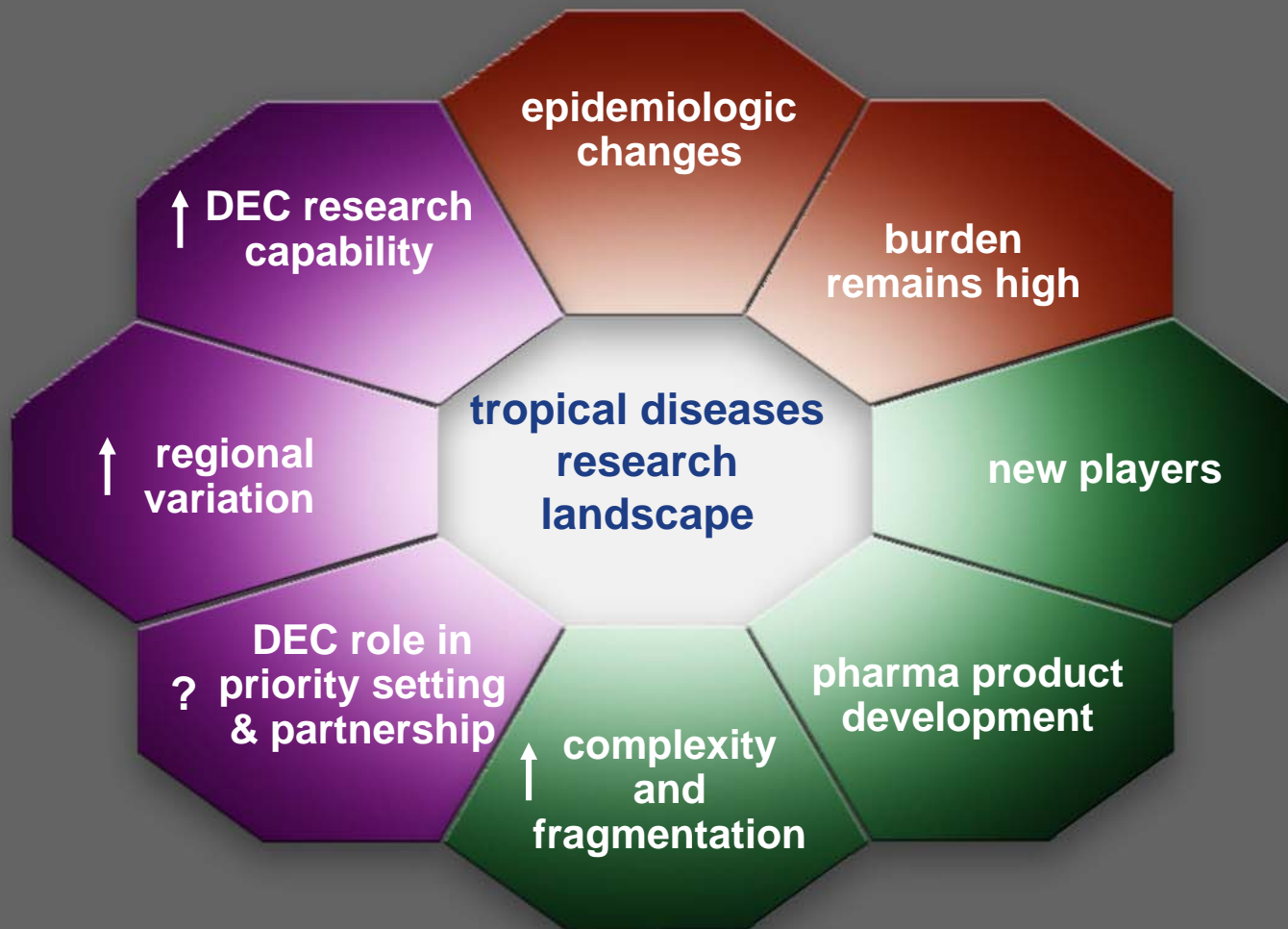
UNICEF/WHO Special Pro Training in



BILL & MELINDA GATES foundation



Trends in the infectious disease research environment



What is needed?

An effective (*concerted, coordinated, harmonized*) global research effort on infectious diseases of poverty in which disease endemic countries play a pivotal role



Revisiting TDR's support platform

C a p a c i t y b u i l d i n g

**New
knowledge /
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**New and
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**New and
improved
interventions**

**New and
improved
strategies**

**Health
Impact**

K n o w l e d g e m a n a g e m e n t



Responding to needs in areas of relative advantage

Empowerment, pivotal role ...

Grand Challenges

New knowledge/
discoveries
NIH, Trust,
Research
councils, etc...

EDCTP

MMV

Microbicides

New and improved
tools

GATB

IAVI

FIND

New and improved
interventions

New and improved
strategies

GAELF

Trachoma

RBM

StopTB

Global Fund

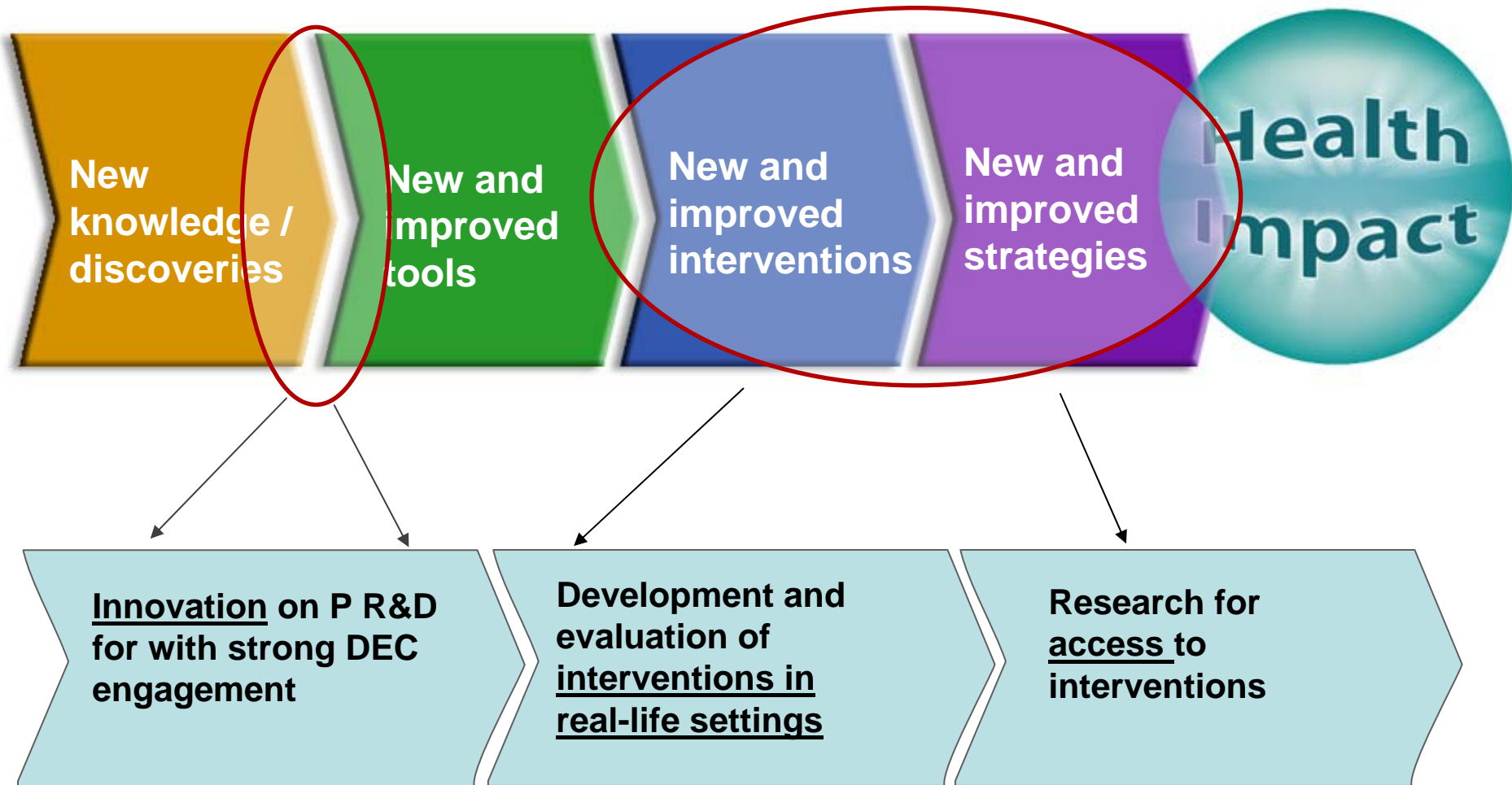
APOC

Health
Impact

Stewardship, effective global effort ...



Implications on research focus





Fostering an effective global research effort on infectious diseases of poverty in which disease endemic countries play a pivotal role



Strategy framework

Business lines

- focused well defined lines of research

Two critical
elements
of the
portfolio

Milestones, indicators of performance/impact



BL1 : Stewardship

BL2 : Empowerment

Upstream

Downstream

Basic research

Discovery

Product Development

Intervention Development

Real-life Evaluation

Research for Access

BL3 : Lead discovery of drugs and diagnostics

BL4 : Innovation for product development in DEC

BL5 : Innovative vector control interventions

BL6 : Helminth drug development and evaluation

BL7 : Accessible quality assured diagnostics

BL8 : Evidence for treatment policy of HIV and TB co-infection

BL9 : Evidence for antimalarial policy and access

BL10 : Visceral leishmaniasis elimination

BL11 : Integrated Community-based interventions

BL across the R&D pipeline





Strategic function:

Research on neglected priorities

priorities not adequately addressed
by other partners (*added value ?*)

(research on products, interventions and access)



Products from research on neglected priorities



Innovation

- Leads transferred to development
- Product R&D projects led by DEC

Interventions

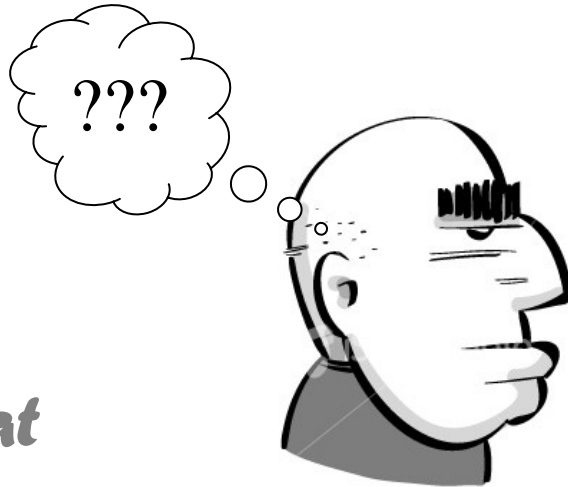
- New intervention tools and strategies
- Real-life evidence to inform policy
- Cost-effective elimination/surveillance strategies

Access

- Integrated, community based strategies
- Cost-effective scale-up
- Determinants of implementation understood
- Research culture within control programmes



Strategic function: Stewardship



aiming at

***direction, coherence, harmonization,
collaboration and sharing
information in health research***



Impact from stewardship



Stewardship

- Consensus on priority needs
- Harmonization of efforts
- Equitable access to information
- DEC government support for research





Strategic function:

Empowerment

aiming at

capacity,
engagement,
quality

negotiation skills
decision-making,
leadership



Impact from empowerment

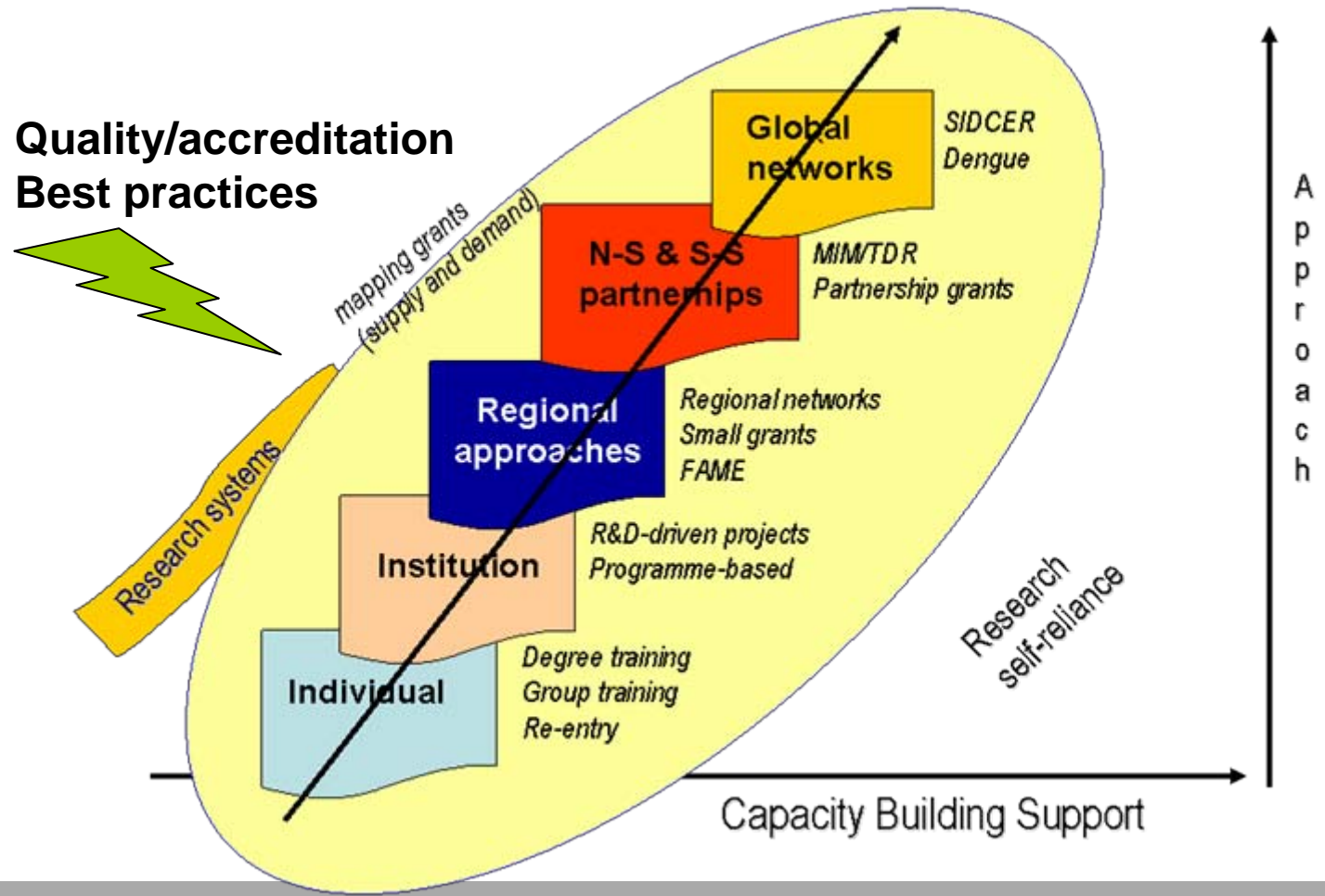


Empowerment

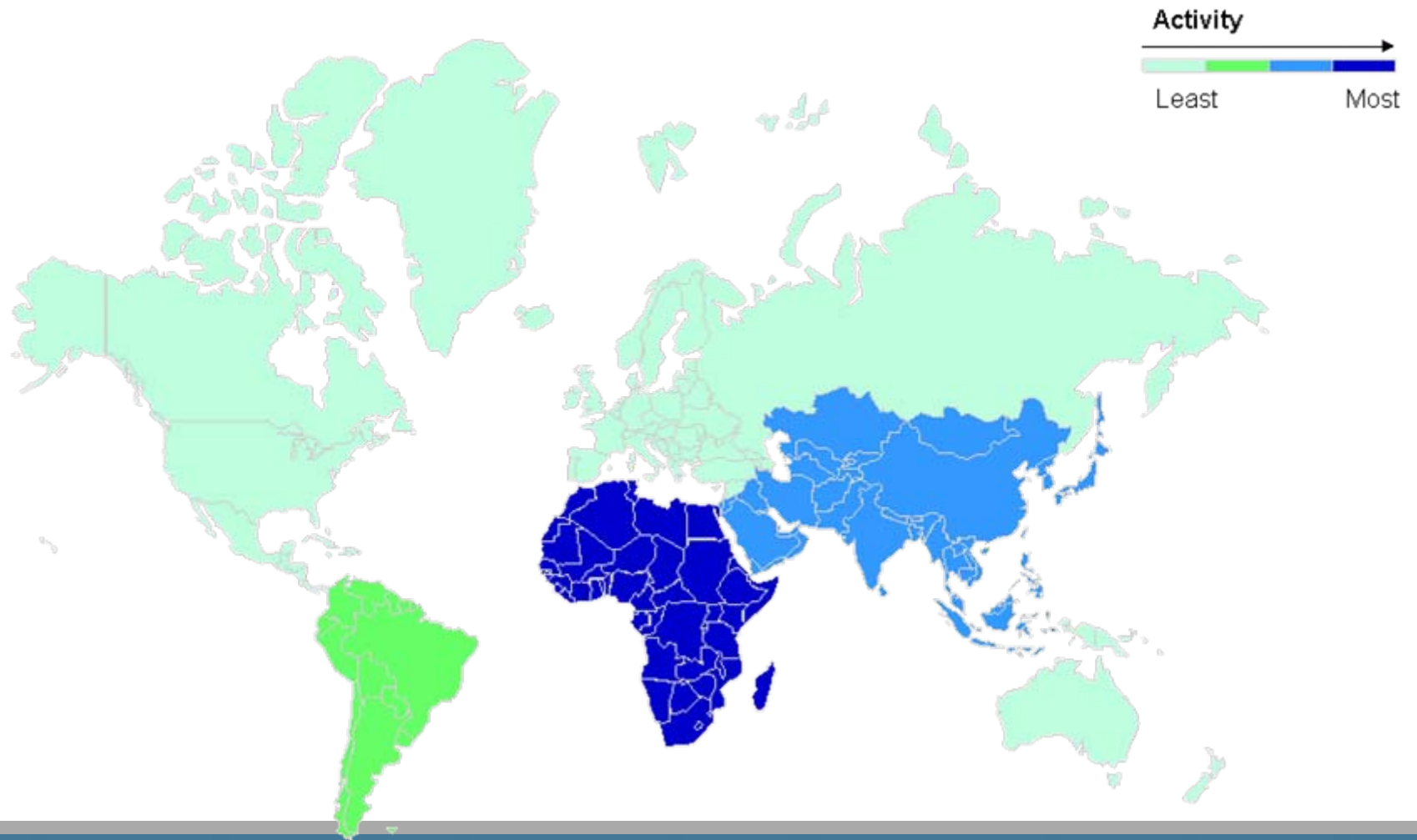
- DEC leadership in priority setting
- Quality research from DEC's
- Effective negotiation of partnerships
- Use of results for policy and implementation
- Regional research networks



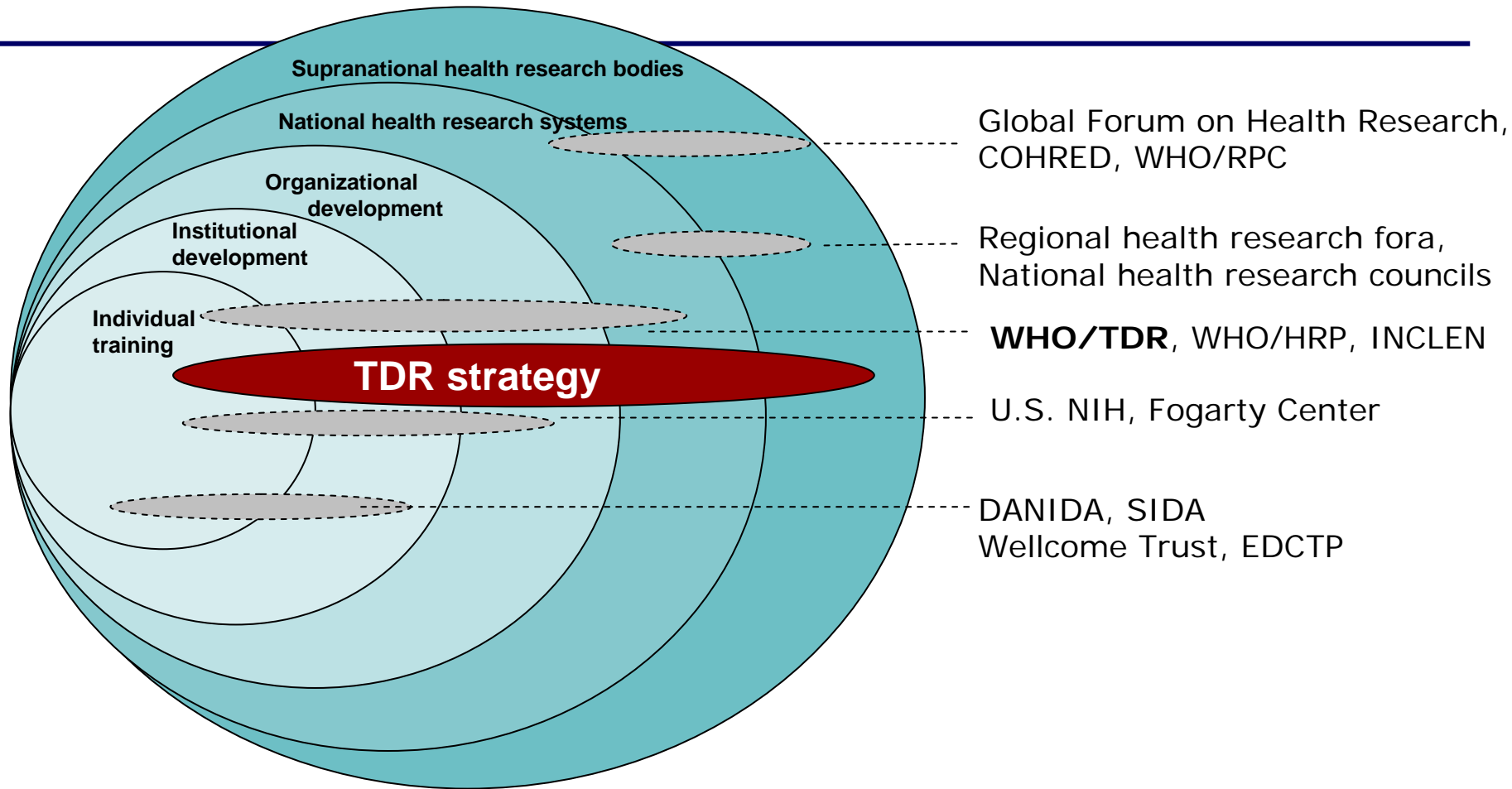
Sustainable research leadership in developing countries



Geographic focus of portfolio



Expansion of scope



Adapted from Lansang, MA & Dennis R - *Bull World Health Org.* 2004 Oct;82(10):764-70



UNICEF/UNDP/World Bank/WHO
Special Programme for Research and
Training in Tropical Diseases (TDR)

EDCTP 4th Forum
Ouagadougou, 22-24 Oct. 2007

TDR Interim Impact Dashboard

15 Supporting Interim Impact dimensions

Interim monitoring metrics

1

1. Global consensus on priority research needs
2. Equitable access to health research information
3. Greater engagement of key institutions/networks

- # of quality consultations/reports for consensus facilitated by TDR
- Surveyed user satisfaction levels with knowledge platform
- % of key institutions/networks actively involved in TDR forums

2

4. Quality research led by DEC scientists and institutions
5. Sustainable regional research and knowledge networks
6. DEC effectively negotiating research partnerships

- # of publications with DEC researchers as lead authors
- # of DEC research institutions/networks improved towards international standards
- # of partnerships with DEC researchers as leads

3a

7. Promising leads identified & transferred to partnerships
8. Effective north-south innovation networks established
9. Product R&D managed by DEC institutions

- % of lead development/transfers at planned milestones
- # of innovation networks established / expanded / strengthened
- # of key R&D projects managed by DEC institutions

3b

10. Evidence on real life safety and effectiveness of tools
11. Effective intervention tools and strategies
12. Cost-effective elimination and surveillance strategies

- % of real-life safety/effectiveness evaluations at planned milestones
- % of intervention tools and strategies at planned milestones
- % elimination/surveillance strategies at planned milestones

3c

13. Integrated strategies for large scale intervention delivery
14. Cost-effective strategies for scale-up of interventions
15. Research culture within control programmes

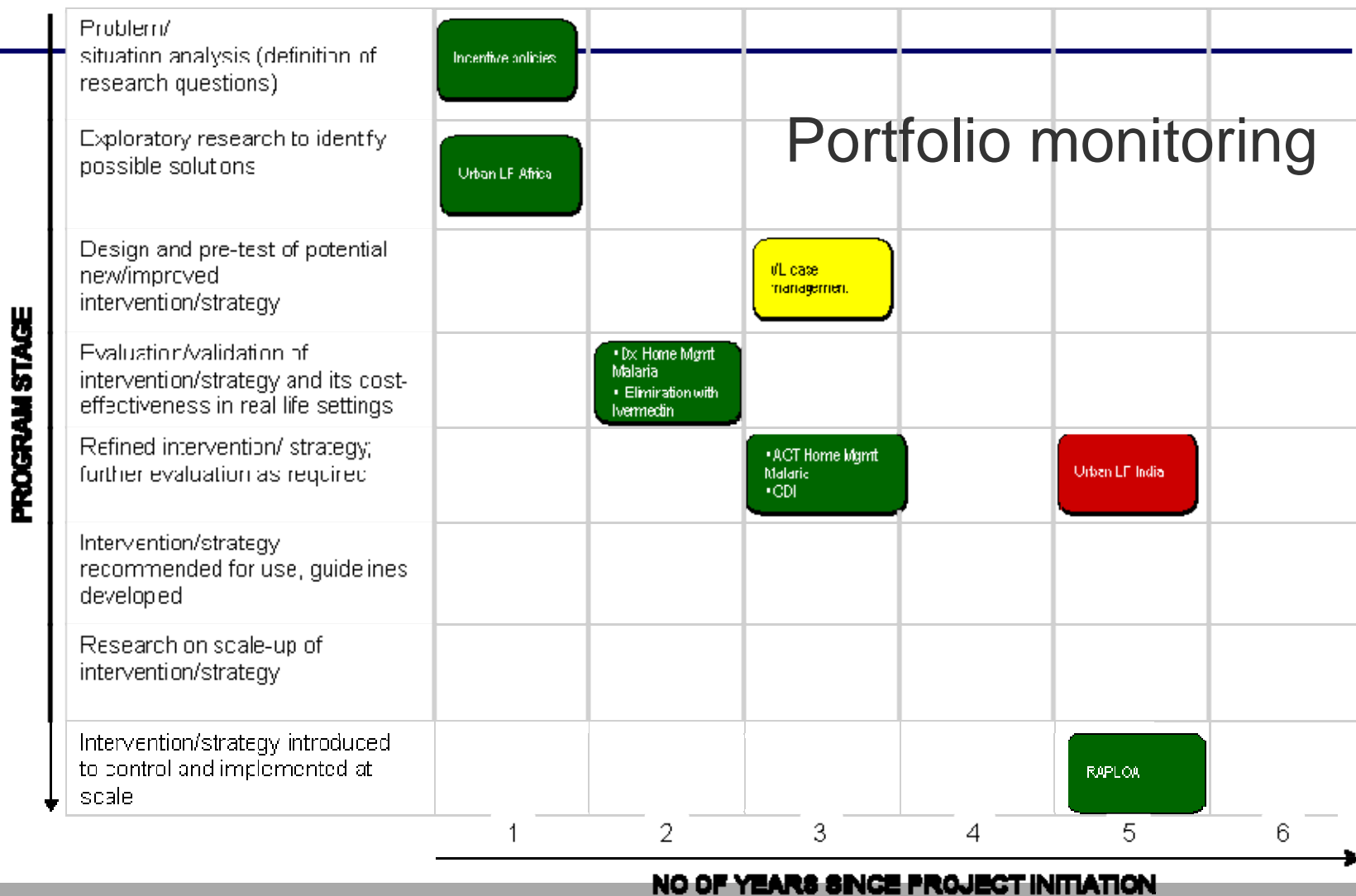
- % integrated intervention delivery strategies at planned milestones
- % cost-effective scale-up strategies at planned milestones
- # of control programmes actively involved in research projects



EARLY 2007 STATUS

NOT EXHAUSTIVE

- **Significantly behind plan**
- **Slightly behind plan but likely to get on track**
- **Well or track ahead of plan**



Contents

- Disease Portfolio
- Event Calendar
- Access to Literature
- Meeting Support
- Communities
- TropIKA.net Partners

Home

A New Service from TDR

A knowledge portal for the global tropical disease community.

Bringing together the latest news, events and discussion in tropical disease research and control.

TropIKA.net Launch Q4 2007

The tropical disease research and control community is overwhelmed by the massive volume of current biomedical and public health literature, international policy initiatives and diverse funding opportunities. The result is a complex mix of information that obscures the essentials.

TropIKA.net is designed to filter the flood and help you find and interpret the information you need, connect you with colleagues around the world, and insure that priority research needs receive visibility.

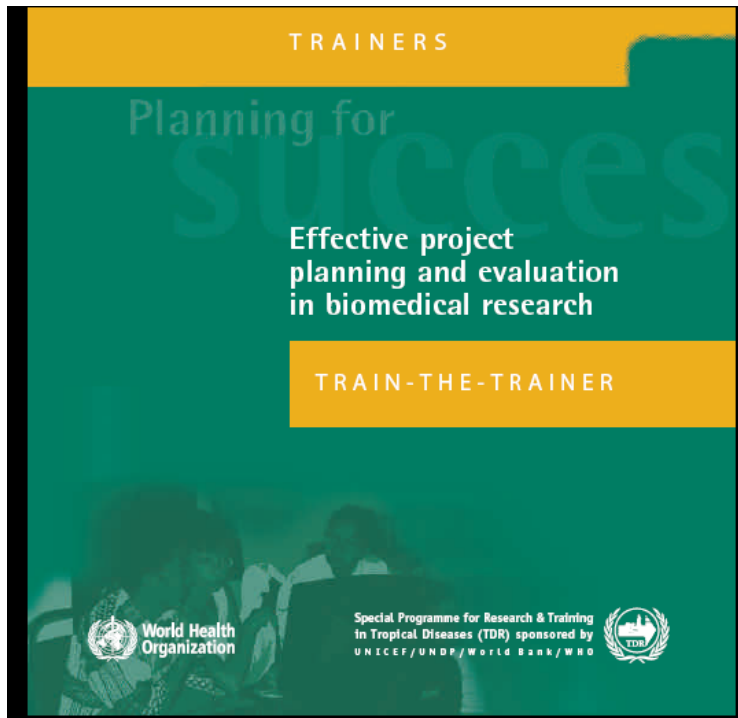
The TropIKA.net team will scan the literature and give you awareness of the news, research and events that are relevant to your areas of

Sign Up

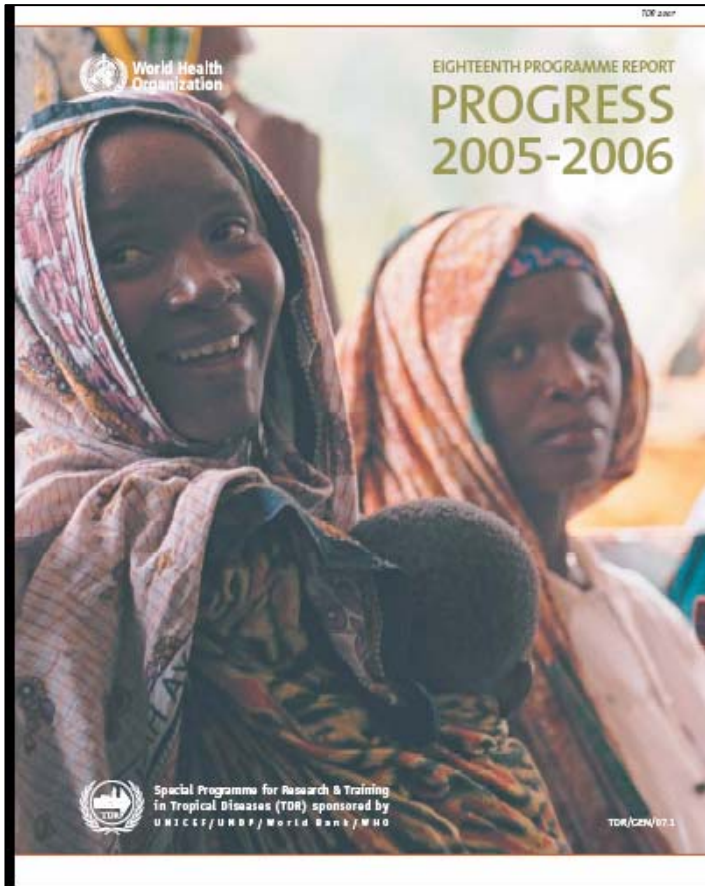
Signup Today to receive news and announcements regarding the launch of TropIKA.net.



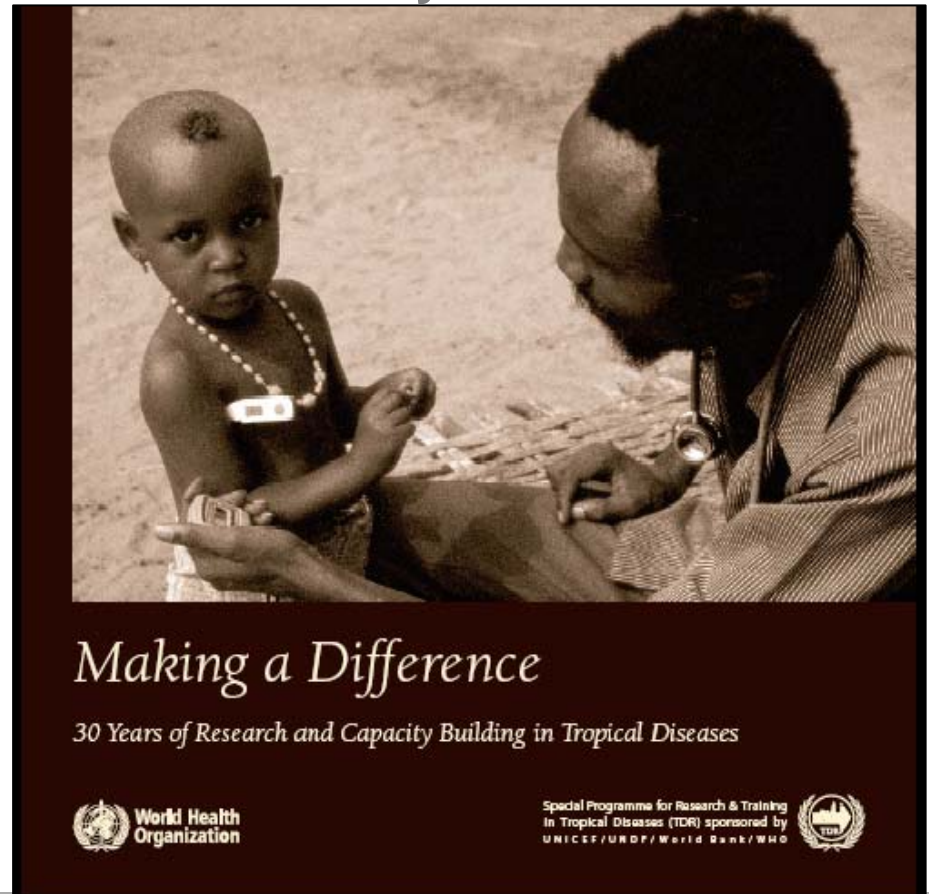
Good practices



Recent publications



TDR history book



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**If you want to
truly understand
something, try to
change it.**

Kurt Lewin

thank you

zickerf@who.int

<http://www.who.int/tdr>