

Aqua for All 2007-2010

Water / sanitation for the poor



16 th of january 2007
The Hague



Urge of Change: Waterstress

Urbanisation



industrialisation



Population growth



Key water problems

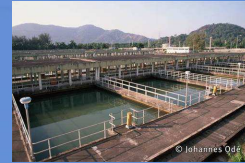
- Groundwater (over) exploration
- Manipulation of the water systems
- Pollution of the fresh water sources



Climate change:
Floods, droughts



Finances, economics:
Investments, capacity
building and affordability



Waterstress

- Ecosystems are threatened
- Poverty is barrier for sustainable environment
- Financial markets threatened by disasters
- Water as issue for war and conflicts
- Scarcity of fresh water increases
- 1% Economic growth = 5% environmental emission
- Floods, drought, climate change as extra stress factor

water/sanitation key problems
poverty and health



Water is essential

2002: Millennium Development Goals

1. Eradication hunger and poverty
2. Education for everyone
3. Gender balance, empowerment women's position
4. Children's mortality rate reduction
5. Improvement pregnancy, reproduction
6. Aids, HIV, malaria prevention
7. Sustainable development , access to safe water/sanitation
8. Global partnership international development aid

A4A is involved in MDG 7:

Half the number of people who lack access to safe drinking water and adequate sanitation



Why participate-support?

- 1,1 billion people lack access to safe drinking water
- 2,4 billion people lack access to adequate sanitation
- Population growth : increase of number of poor people
- Mortality of 6000 people due to diarrhea/lack of hygiene
- Waterstress in the coastal zones, threathening eco-zones

But also:

Poverty is a base for conflicts, terrorism, abuse of power

Poverty is inhuman

Waterstress is a global problem, a global challenge

Water/sanitation is not only their problem

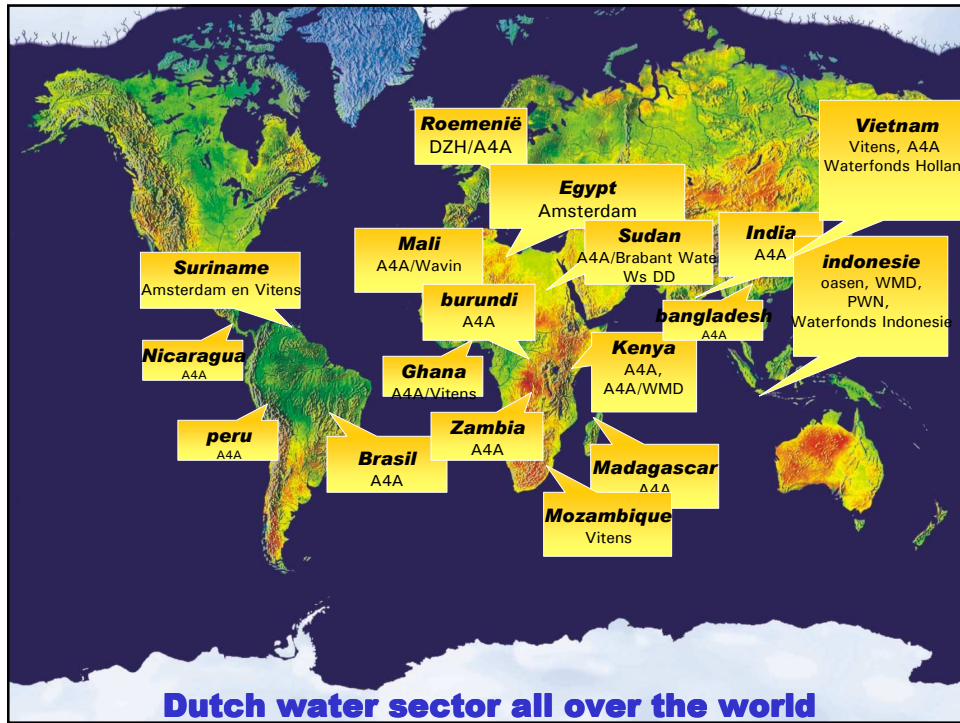
Besides that we are convinced that:

The Dutch can export their knowledge

The Dutch watersector is acknowledged as preferred partner

Not for profit not for loss as leading principle





the Bottom of the Pyramid market !

Access to safe affordable drinking water **4 billion consumers !!!!**

Access to affordable adequate sanitation

Sustainability of environment

A4 for all

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Innovative water/sanitation solutions

- Watertechnology (re-use, desalination, sustainable sources, rainwaterstorage, contaminants, toxics, pathogens)
- Eco-sanitation
- B.O.P approach, demand driven, social entrepreneurship
- Appropriate technology

Exhibit 1: The World Economic Pyramid

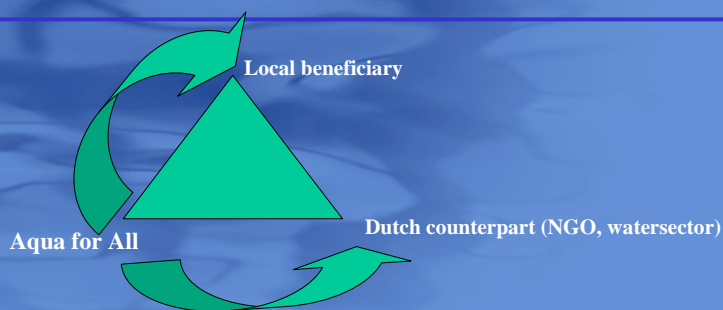
Annual Per Capita Income*	Tiers	Population in Millions
More Than \$20,000	1	75-100
\$1,500-\$20,000	2 & 3	1,500-1,750
Less Than \$1,500	4	4,000

* Based on purchasing power parity in U.S.\$

Source: U.N. World Development Reports



Aqua for All as matchmaker- broker



- A4A providing : finances and expertise from Dutch watersector
- A4A executive outsourcer for CSR-related development aid for Dutch watersector
- A4A supporting programs of Dutch NGO's and their local partners
- A4A monitoring the contribution in terms of MDG's and sustainability
- A4A promoting tri partite partnerships with NGO as third partner
- A4A stimulating Business development for Appropriate Technology: (accessible, sustainable, manageable, empowering the enabling environment)



What we do (2007)

waterconservation (10 %)



WATSAN(80%)

- with NGO's
- waterKIOSK

Water-gender



Poverty reduction through
Business Development (10%)



NGO's: as third partner in PPP's

- Market intelligence
- Common values with CSR motivated business
- Communication channels
- Networks
- Global thinking



- National/local governance
- regulation/legislation
- Community management
- People's involvement

- Business culture
- Market professionalism
- Timeframes
- flexibility



New players, new approach

Best practices of Aqua for All

- Watercompanies support programs of NGO's (Simavi, Plan, Amref, enz)
- Waterboards supporting the WIOLAB program of UNEP
- Private waterfactory Kenya by Hatzenboer-Water
- Waterconservation programs with knowledge institutes (TUD, WUR, VU) and local NGO's in Oost Afrika (sanddams, trenching, rooftop harvesting)
- Expertise/advisory by consultancy in fieldmissions
- A4A-Water for Life program with Vitens (Moz, Ghana)
- Fundmatching for local entrepreneur-businessplans (BiDChallenge/EMF e.o.)
- Business development for household options (BWNF, Water4Life, AAWS) with FWIN
- Unicef-Wavin-Aqua for All WATSAN program Mali
- Dutch and International Rotary Clubs joining forces on water programs
- Schoolprograms with youth as change agents
- Etc.



Kinderhulp Indonesia

(child care Indonesia Amsterdam)

Partner of Aqua for All since 2004 in rehabilitation of water/sanitation on Desa schools on Java-Indonesia



Some figures:

- Rehabilitation and new devices for waterstorage, toilets, Rainwater harvesting, waterwells and piping
- Partner YPAH (Huis voor de toekomst van kinderen)
- 2004- 2006 more than 120 schools were serviced ,11.000 pupils and adults

Program 2007:

- 63 schools, 6700 pupils, € 88.500,--
- training program maintenance/management/hygiene promotion , € 17.500,--

Improvements/lessons learned:

- Hygiene education to be included, support training
- Teachers and parents involved in management
- Improved choice of materials/contractor



From old to new



Water and sanitation Desa schools



Water as key for poverty reduction and sustainable development



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