

Our climate concerns...our green handprints



New energy solution (solar power) to reduce emission footprints



Re-using waste water from Reverse Osmosis in bio-sanitation for reducing water footprints



Rain water harvesting and conservation of urban water bodies for fisheries

'WASH-US' as a climate adaptive intervention



Solid waste management and biogas (biomass-energy) for school kitchen

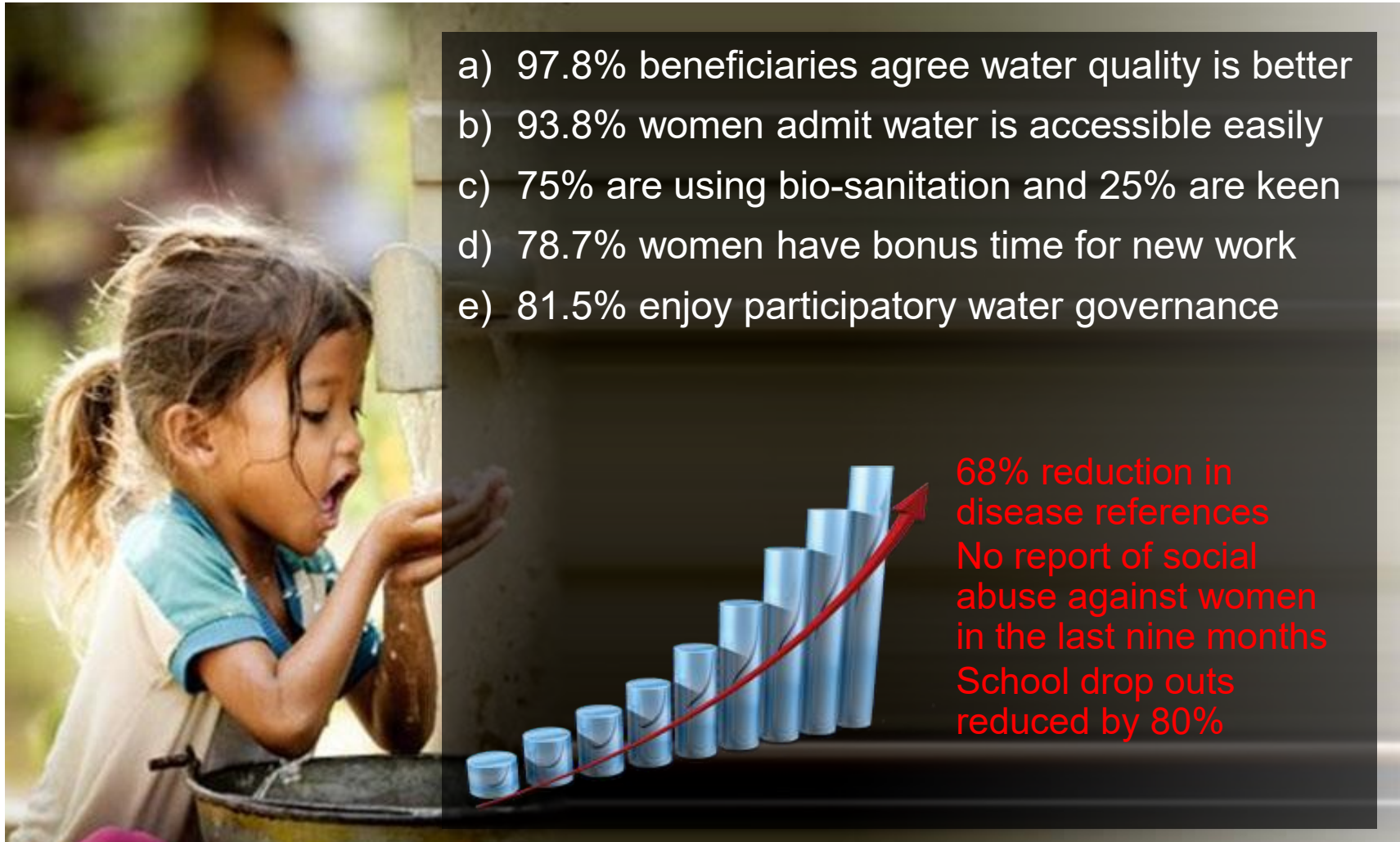


Promoting organic farming from bio-manure of bio-gas plant for family farming



Disaster preparedness and community resilience through climate knowledge

Impact: just not numbers...



a) 97.8% beneficiaries agree water quality is better
b) 93.8% women admit water is accessible easily
c) 75% are using bio-sanitation and 25% are keen
d) 78.7% women have bonus time for new work
e) 81.5% enjoy participatory water governance

68% reduction in disease references
No report of social abuse against women in the last nine months
School drop outs reduced by 80%

Sunderbans : ROAD ahead



Pushpa Sen



CITIZEN SCIENCE, EXPERIENTIAL LEARNING AND COMMUNITY BASED CONSERVATION PROJECTS TO SUSTAIN ECO-SYSTEM SERVICES IN EAST KOLKATA WETLAND



Raghuvansh Saxena

East Kolkata Wetland - Ramsar site

One of the world's largest natural resource recycling ecosystems



104 plant species



20 mammalian species



52 endemic fish types and reptiles

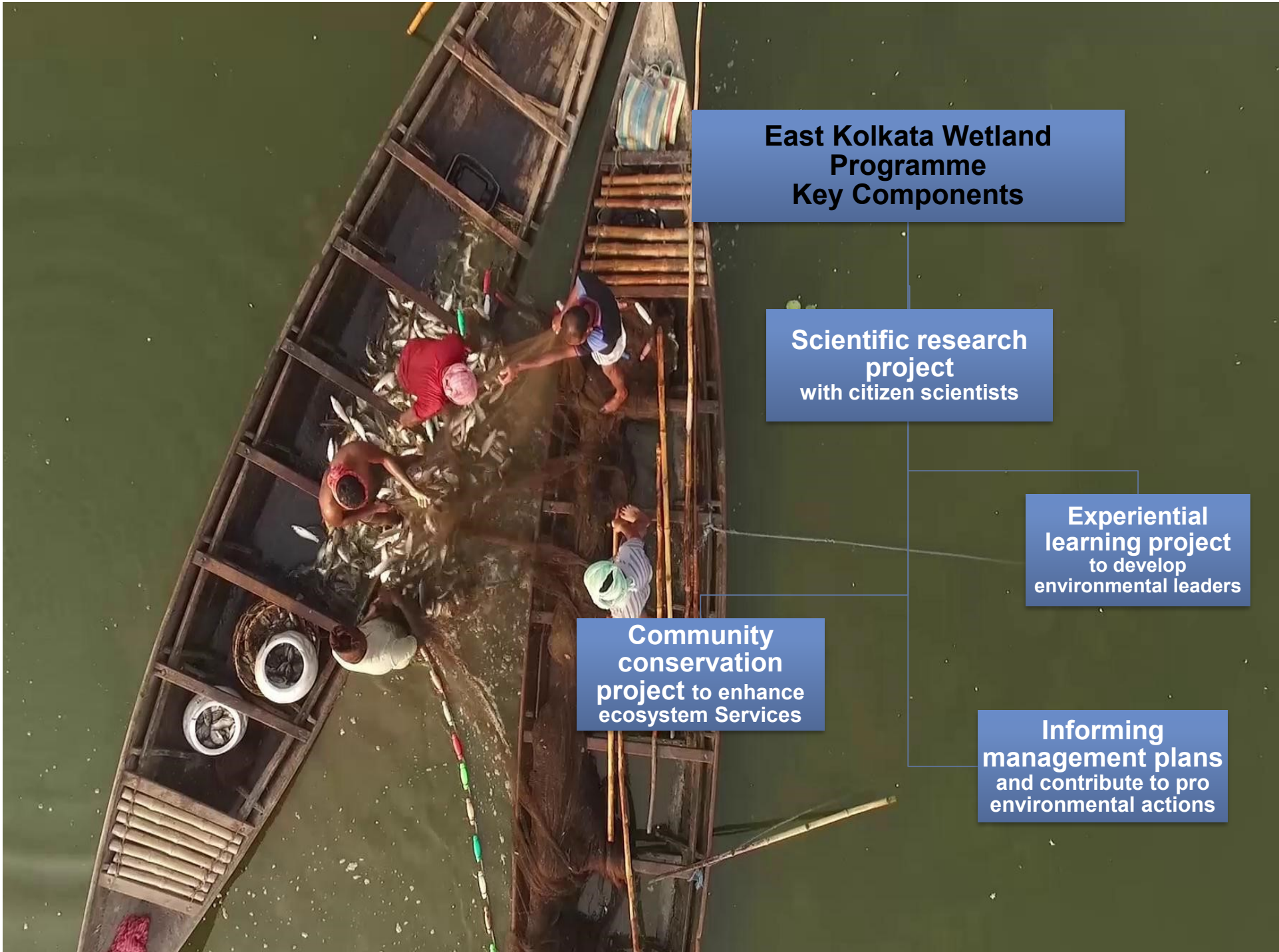


40 bird species



Multiple ecosystem services and livelihood opportunities.

Micro-climatic regulation, carbon sequestering, flood control and erosion reduction.



**East Kolkata Wetland
Programme
Key Components**

**Scientific research
project
with citizen scientists**

**Experiential
learning project
to develop
environmental leaders**

**Community
conservation
project to enhance
ecosystem Services**

**Informing
management plans
and contribute to pro
environmental actions**

Project at East Kolkata Wetland

