Best Climate Practices 2017 Award Webinar

Building resilience to climate disaster risk: innovation and best practices

November 8th, 2017

Best
Climate
Practices
2017
Contest

Building local resilience to climate disaster risk

The Panel

Dionisio Perez Blanco,
Disaster Risk Reduction specialist (CMCC, FEEM)

Elisa Calliari, *Researcher on Disaster Risk Reduction and climate change adaptation,*
Jury member of Best Climate Practices 2017 Award (CMCC, FEEM)

Aurora D'Aprile, *ICCG Researcher on Climate Policies and Practices*
Best Climate Practices Observatory Coordinator

Frei Sangil,
Director of Layertech Software Labs

Elizabeth English, *Founder and Director of Buoyant Foundation Project,*
Associate Professor at University of Waterloo School of Architecture

Eshwer Kale, *Researcher and Coordinator of Water Stewardship Project*
at Watershed Organisation Trust (WOTR)

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¿ **BestClimatePractices** ?

ICCG Observatories:
Best Climate Practices
www.bestclimatepractices.org
Climate Policy Observer
www.climateobserver.org
Think Tank Map
www.thinktankmap.org

Web-platform:
www.bestclimatepractices.org
Crowdsourcing+research

Annual contest for best ideas and projects tackling climate-related issues

Best Climate Practices Award

2013: "Climate Change and Urban Resilience"
2014: "Energy Poverty Alleviation"
2015: "Climate Change and Water Availability for Food Production"
2016: "Expanding Access to Climate Financing"
2017: "Building resilience to climate disaster risk"

2017 Edition:

ideas and projects to:
-support urban and rural communities in preparing and responding to climate disasters, improving local resilience, preparedness and recovery capacity.

Best Climate Practices 2017 Award

Submission: March 13 - May 31, 2017
+200 proposals/19 shortlisted candidates

Online voting polls: July 3 – 26, 2017
+ 6000 votes

Expert Panel assessment
July- September 2017

Paola Albrito
UNISDR

Carlo Carraro (Chair)
ICCG, GGKP, Ca'Foscari

Elisa Calliari
FEEM

Knud Falk
Red Cross Red Crescent
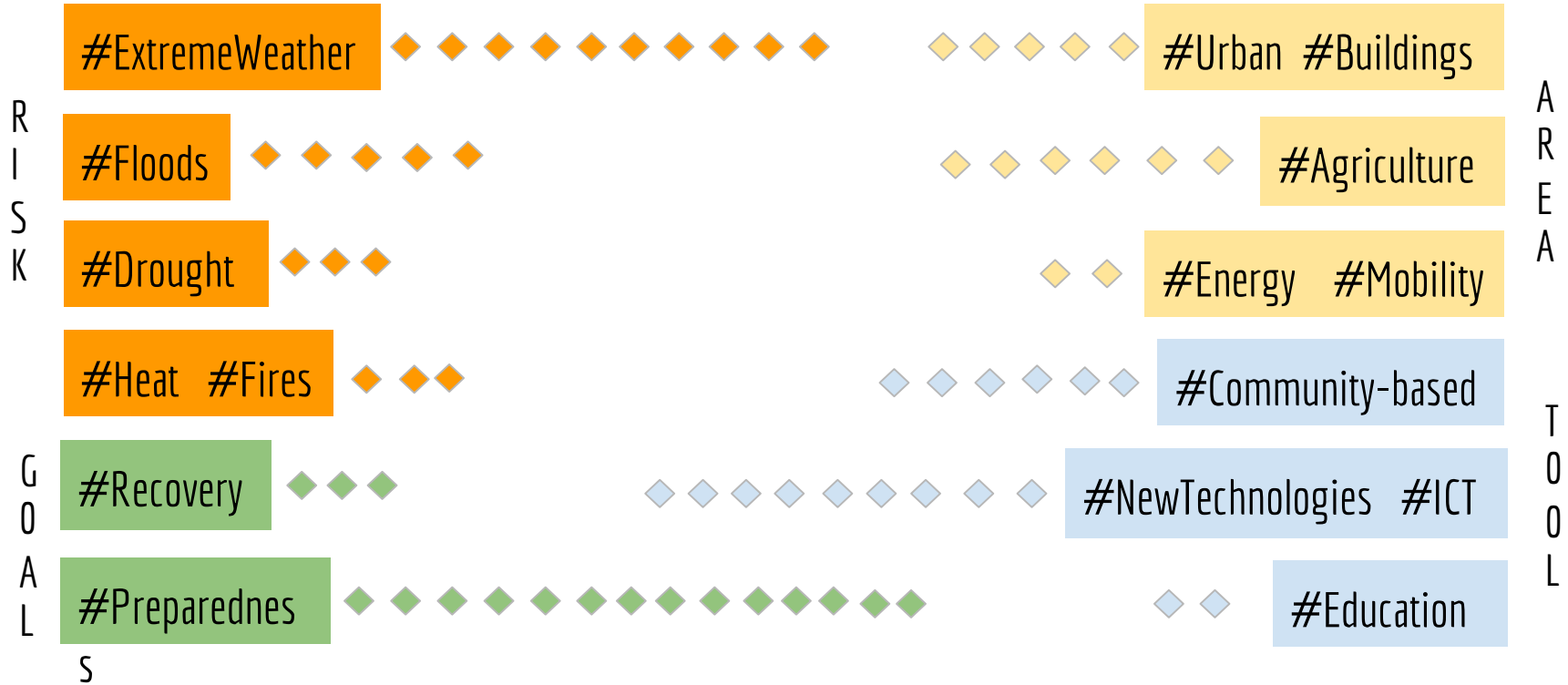Climate Centre

Reinhard Mechler
IIASA

Federica Ranghieri
World Bank

Best Climate Practices 2017 Award

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RISK

#ExtremeWeather

#Floods

#Drought

#Heat #Fires

GOALS

#Recovery

#Preparednes

#Urban #Buildings

#Agriculture

#Energy #Mobility

#Community-based

#NewTechnologies #ICT

#Education

AREA

TOOL

Winner of the Best Climate Practices 2017 Award

Special Mentions of the Jury

Amphibious Housing, by

for its innovative application of technologies to enhance resilience in flood-prone areas.

Water Stewardship, by

for its capacity to increase active engagement of communities living in water-scarce regions

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ICCG BestClimatePractices 2017 Award Webinar, *Building resilience to climate disaster risk: innovation and best practices* - November 8, 2017

Water Stewardship:
Responsible Management of Water Resource

Eshwer Kale
Researcher, WOTR
(eshwer.kale@wotr.org.in)
visit us at www.wotr.org

Water Stewardship: The Central Theme

An attitude, approach and discipline whereby individuals and communities conserve and use water in a responsible, equitable, and efficient manner that is sustainable

Basic Assumptions

- Water is a shared resource in the public trust domain
- It requires collaborative solutions
- Communities are not passive water users but can play an important role as water managers

Necessary Conditions

- Sense of Ownership
- Reflection, dialogue and generation of local-specific information
- Boundary rule- defined users
- Inclusive governance institutions
- Enforcement of Sanctions on violators
- Conflict-resolution mechanisms

Processes and Strategies

- Engagement of multiple Stakeholder groups
- Jalsevaks
- Formation of VSRT
- Water Stewardship Plans
- Stakeholder Engagement Workshops
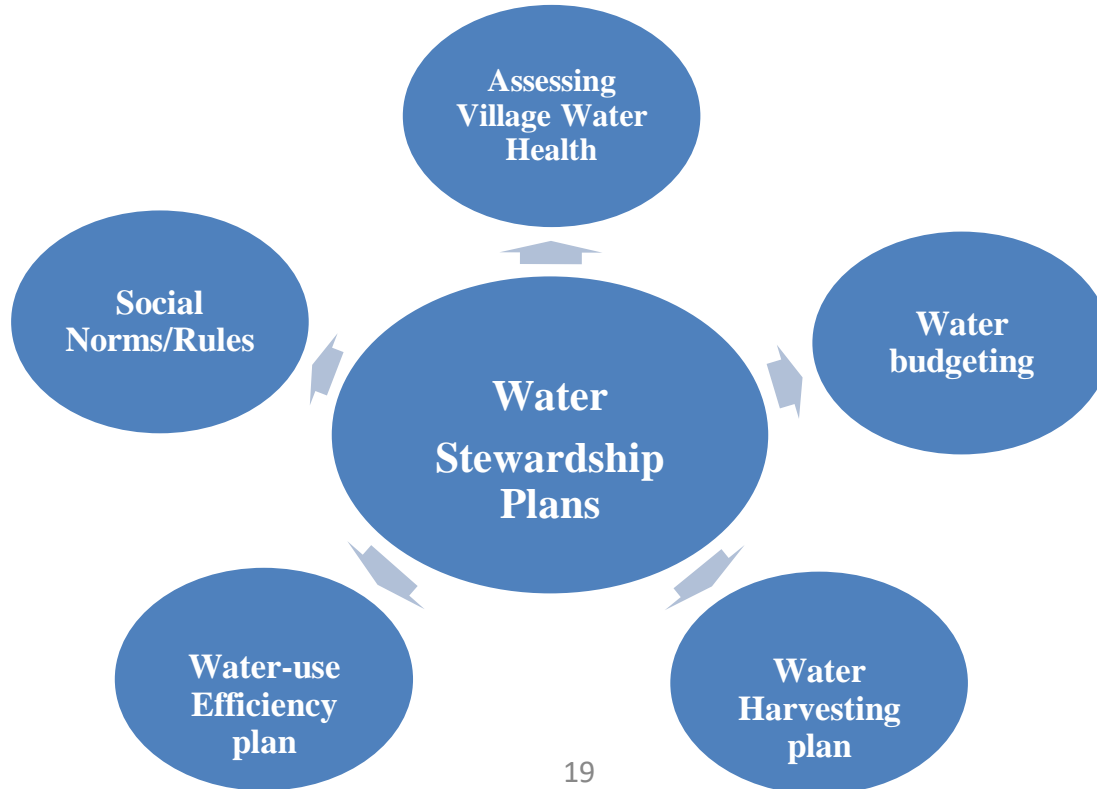- Water Stewardship Plans

Expected Outcome

Water-use that is socially equitable, environmentally sustainable and economically beneficial

WOTR

Stakeholder Engagement: The Key Strategy

- **Village Stakeholder Teams** formed in 106 villages
- **27 Jalsevaks** facilitate and motivate villagers
- **60 Stakeholder engagement workshops organized** where more than 2000 Village stakeholders participated
- In more than 70 villages, people offered **Shramdaan (voluntary labour)**
- **Several Government officials participated in workshops**

Water Stewardship Plan : Process

Water Stewardship Plans

Assessing Village Water Health

Water budgeting

Water Harvesting plan

Water-use Efficiency plan

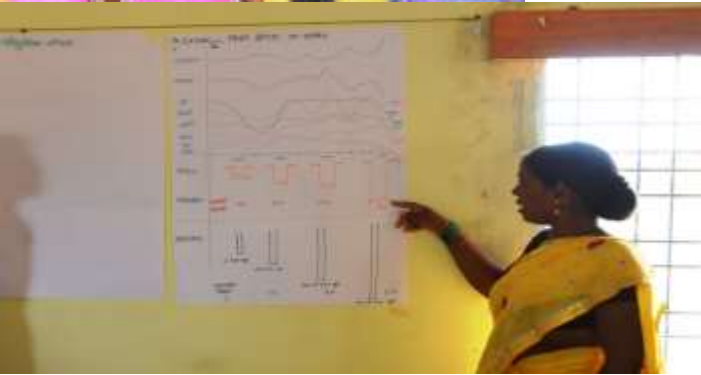Social Norms/Rules

19

Water Budgeting : Process

1
- **Total Water Available in the Village** = Soil Moisture + Total water Harvested in Structures + Natural Groundwater Recharge + Artificial Groundwater Recharge + Water Import from outside the Village

2
- **Water Available for Crops** = Total Water Available in the Village (-) Water Required for Drinking Purpose (-) Water Required for Business/Construction etc.

3
- **Water Balance or Deficit** = Water Available for Crops (-) Actual Water requirements of crops during All Seasons

Thanks

Visit us at www.wotr.org

Q&A

If you have any questions, please write us on the GoToWebinar chat.

For time management reasons, we cannot assure that all questions will be answered.

A huge to all participants!

More information?
bestclimatepractices.org – info@bestclimatepractices.org
iccgov.org – info@iccgov.org