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Delivering Nature Based Solutions by integrating social assistance and labour market programme

Lessons from CRISP-M tool

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How can labour market programmes deliver resilience?

Enable communities to survive and thrive during climate crisis

Making wages more climate resilient – moving towards 'living wage model'

Entitlement



Protection



Resilient Wage Employment

Access



Accountability & transparency–Job security

Skills



Skill enhancement/ Certification, Decent Employment

Rights



Rights based job security; gender pay parity

In case of climate shocks and other stresses



Meet basic consumption needs



Prevent HH from slipping in to poverty



Repayment of Debt, able to take crop in next season



Savings to buy assets and tide over future crisis



better/ safe working and living conditions



Food Security, nutrition Intake, greater well-being

What would Resilient Infrastructure mean?

Enable communities to protect and promote natural resource based livelihoods



‘Outcome’ planning on a landscape based approach- use of GIS and climate information

Focus on NbS and people-centred environment rehabilitation

Equitable access to the assets, resources and benefits

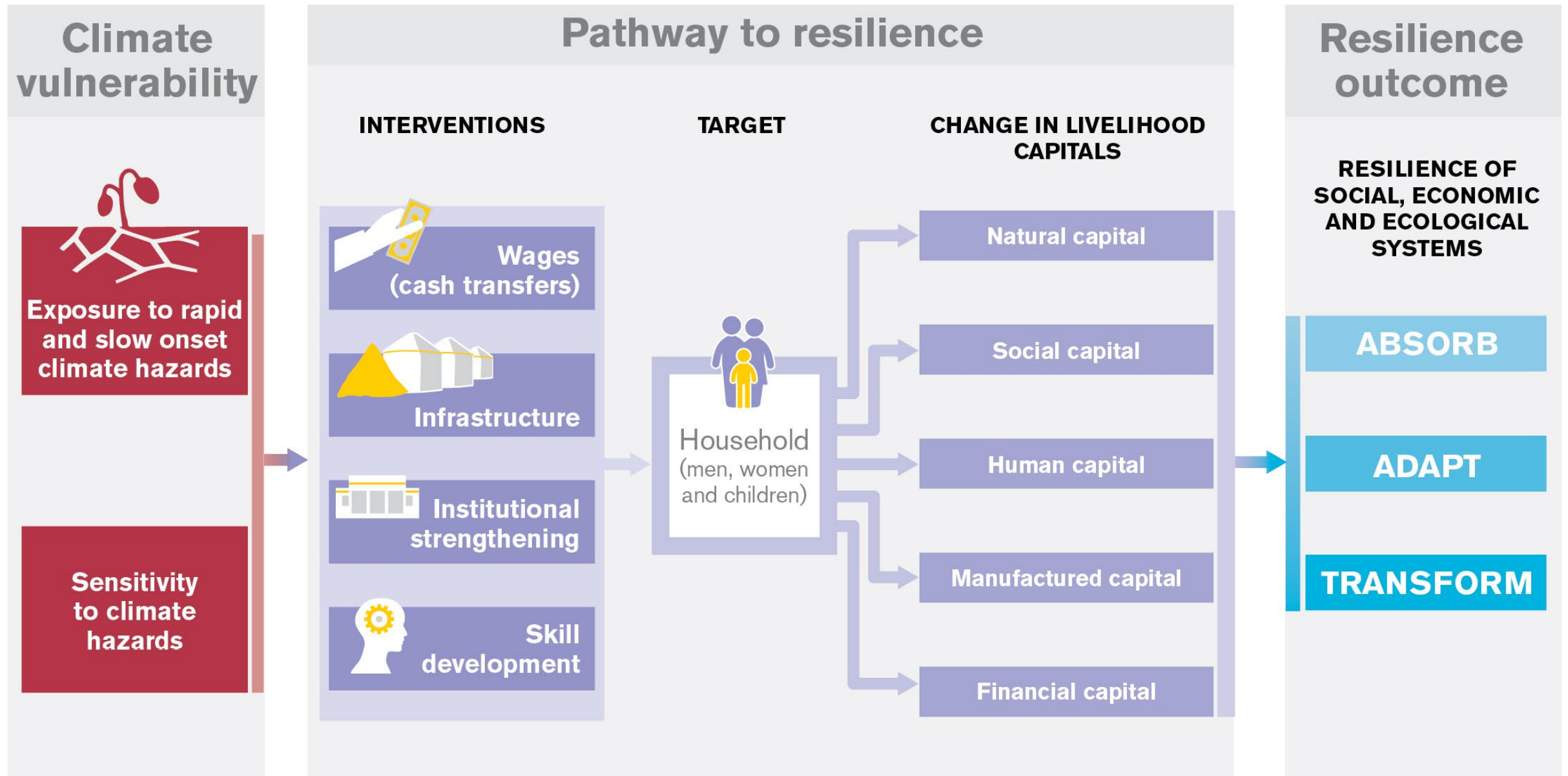


Convert Crisis into Opportunity

Move From Relief To Permanent Drought-Proofing and flood resilience

Towards Community-level Water and Livelihood Security

Pathway to resilience through public works based social assistance programme



An aerial photograph of a tea plantation on a hillside. The rows of tea bushes are arranged in a grid pattern, following the contours of the land. The tea plants are a vibrant green, and the soil between the rows is a dark brown. In the lower right quadrant, three people are walking through the rows, providing a sense of scale. The overall scene is lush and green, with a few scattered trees on the upper slopes.

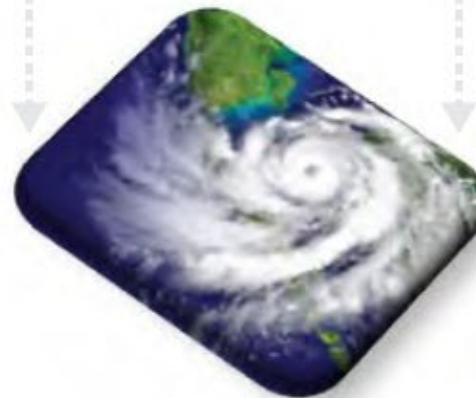
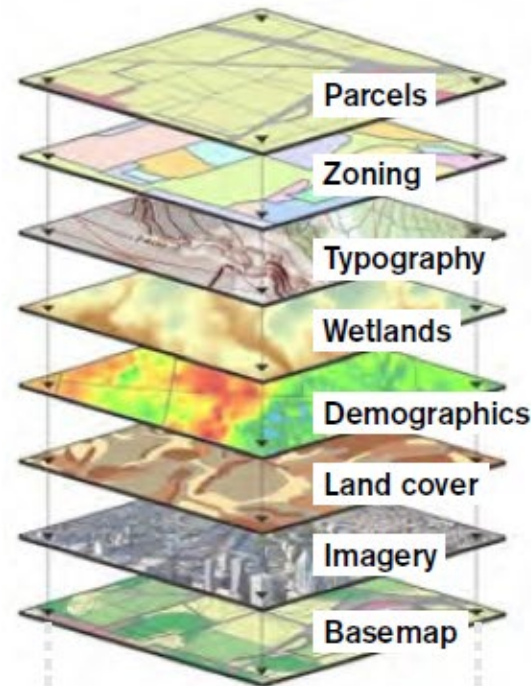
Sharing Experience of CRISP-M Tool

CRISP-M: Delivering nature based solutions through GIS and Climate information

Watershed boundary
Land use and land cover
Geomorphology
Geology, soil type/soil profile
Ground water prospect
Contour and site slope
Drainage characteristics
Lineament

Short-/medium-/
seasonal-term prediction
and long-term forecast

Climate impact assessment
through SWAT modelling
(annual percentage change
in rainfall, ground water
recharge and water yield)



Thematic maps help in better
planning and selection of
works — specific to site
topography, biophysical
characteristics and
hydrogeomorphology

Integration of climate
risk assessment in
decision-making tool

Short term — planning for
addl. 50 days' wage, crop
selection, irrigation plan

Long term — choice, quality
and design of assets,
livelihood planning, skill
development

Top-Down and Bottom-Up Planning process



Gender and intersectionality

“When I go to village meetings, people look at me with respect and awe because I have information that they don’t have. But I just don’t use the information to help myself. I share it, so that others can benefit from it.”

Rukmani Bai, 55, farmer and women’s self-help group leader



Landscape-based planning

“With CRISP-M tool we are all technical experts now. We choose the land and where and what type of structure to build. We are no longer dependent on outsiders. This is better because we know what is best for us.”

Heeralaal Barela, farmer from Bisanjpur Tandi village of Madhya Pradesh



Thank you

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