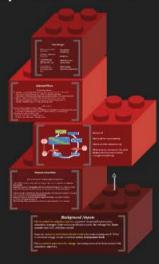
Stresses/vulnerabilities

Supporting
Adaptive Capacity

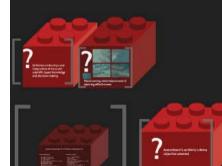
focus on contextual vulnerability
 support autonomous adaptation

Planning/institutional change

CC Adaptation Mainstreaming

















Silvia Macchi, Liana Ricci
Department of Civil, Constructional and Environmental Engineering
SAPIENZA University of Rome
liana.ricci@uniroma1.it



Hai to undermine adaptive capacity, support of households admonstroal adaptation stategies. Water entains already exceeds the recharge flux (Native sewater due to CC and uttern sprawl)

- Focus on measures and actions already in place for under development | Intitle incremental charge, ensure immediate access to adaptation funds.

- Riak to overlood aspirations for change: backsating semanto for formulation of adaptation objectives.



MAINSTREAMING ADAPTATION TO CLIMATE CHANGE INTO URBAN PLANNING: LESSONS FROM DAR ES SALAAM, TANZANIA







Silvia Macchi, Liana Ricci
Department of Civil, Constructional and Environmental Engineering
SAPIENZA University of Rome
liana.ricci@uniroma1.it

Stresses/vulnerabilities

Adaptive Co

- focus on contextual vu
- support autonomous a

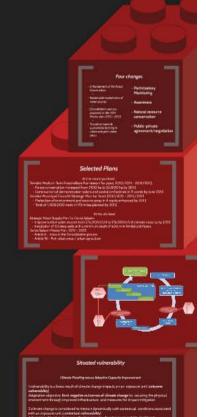
CC Adaptation 1

Institutional transition and complexity

- · role of central government vs devolution
- · unclear and overlapping competences







Adjust physical assets

Strengthen local adaptive capacity (neglected)

Climate change adaptation shaping spatial development strategies

CCA institutionalized

Integrating
adaptation
considerations into
existing planning and
governance is still
lacking or immature

Environmental change and fast growing cities

uncertainty

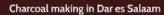






 natural resource impacted (e.g. water) high dependence on natural resources (livelihood diversification)









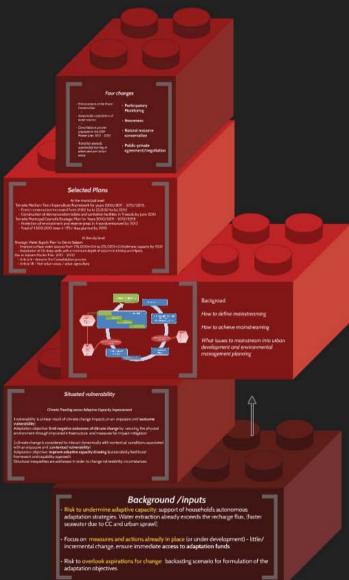


Institutional transition and complexity

- Formal informal "conflicts"
- Uneven decentralization
 - role of central government vs devolution
 - unclear and overlapping competences
 -
- Financial incapability

CC Adaptation Mainstreaming





Benefit of mainstreaming in adaptation

guarantes more sessanatile, efficient, and effective use of financia Person and Iden 2000) it an action-specific approach.

and utake olders into decision making.

- ensure consistency and anoid out flats with other policy domains and long.

find syceogles with other programs such other programs.

successful adjustation (Lacoret al. 2001) and acres to try of developments current and future climate change and variability (Hospital 2003, Agresia al. 2005, 2007)

Agreeds 2005)

 enhance the performance and development contribution of each section generating the body of all levels.

Potential of adaptation mainstreaming in UDEM

- The type of UD pattern defines whether UD contributes to an increa decrease in people's vulnerability. The ability to carry out urban plant effective way is part of local capacity for adaptation.
- Land-use planning and ecosystems management have beneficial el of providing environmental services that are crucial to supporting pe livelihoods as well as disaster risk protection services.
- Urban planning has the potential to create synergies between climat adaptation and mitigation measures, while the importance that the ourban form over another can have in terms of improving adaptive can the production of GHE consistence is more continuously.

Adaptatio

adjustment to actual or especied dimate and its effects' moderate harm or exploit beneficial opportunities in wall facilitate adjustment to espected dimate and its effects incremental adaptation - to maintain the essence and int Transformational adaptation - changes the fundamental effects.

Mainstreaming

rather than propering 'new' plans for CC adaptation, integplans and programmes

process of systematically integrating the adverse effect Adaptation Concerns) and the specific culcomes are the USAs for supporting the autonomous adaptation of per believed Potentials for Autonomous Adaptation.

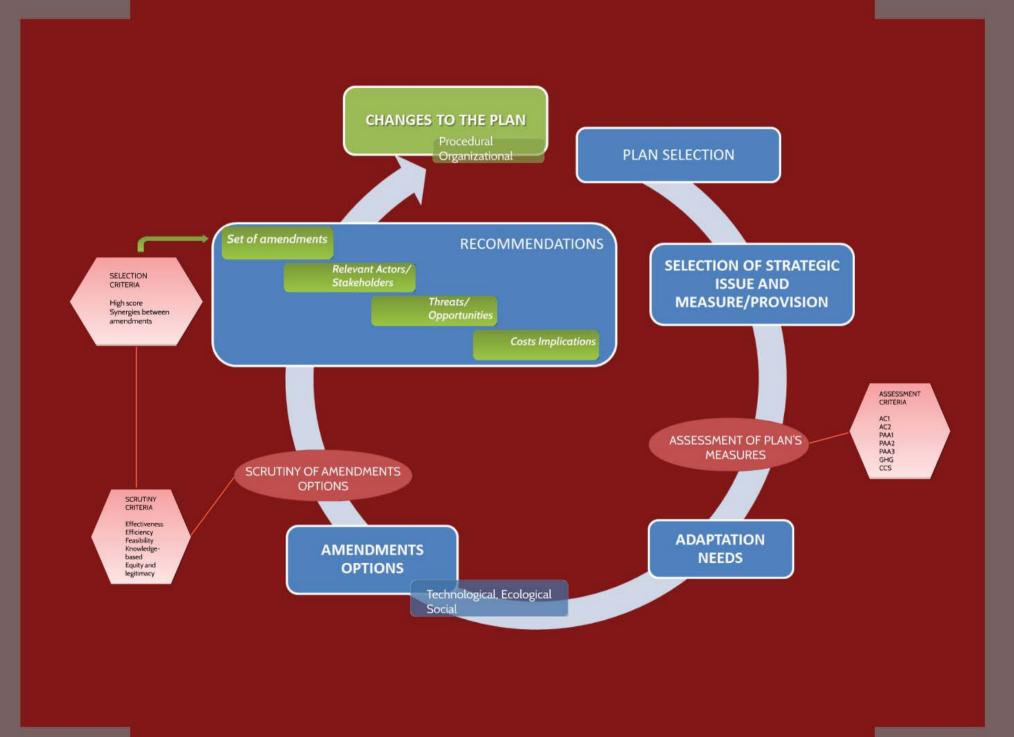
Tailored mainstreaming

mainstreaming is defined as the process of systematically into value //idea/theme into policy domains, particularly the UDBA specifically, in this context the selected value//idea/theme is t CC over Dar es Salaam's coastal plain is defected Adaptation Co specific outcomes are the improvement of the capacity of Da for supporting the autonomous adaptation of peri-urban resic the coastal plain jedected Posemitals for Autonomous Adaptation y approach.

e addresses in order to change vulnerability circumstances

Background /inputs

- Risk to undermine adaptive capacity: support of household's autonomous adaptation strategies. Water extraction already exceeds the recharge flux, (faster seawater due to CC and urban sprawl)
- Focus on measures and actions already in place (or under development) little/ incremental change, ensure immediate access to adaptation funds
- Risk to overlook aspirations for change: backasting scenario for formulation of the adaptation objectives



Four changes

- Enhancement of the Forest Conservation
- Sustainable exploitation of water sources
- Consolidation process proposed in the DSM Master plan 2012 - 2032
- Transition towards sustainable farming in urban and peri-urban areas

- ParticipatoryMonitoring
- Awareness
- Natural resource conservation
- Public-private agreement/negotiation

