



Integrated Risk Management

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Integrated Risk Management

Community-managed Disaster Risk Reduction

Climate Risks

Landscape
Risks

Livelihoods

Inclusion



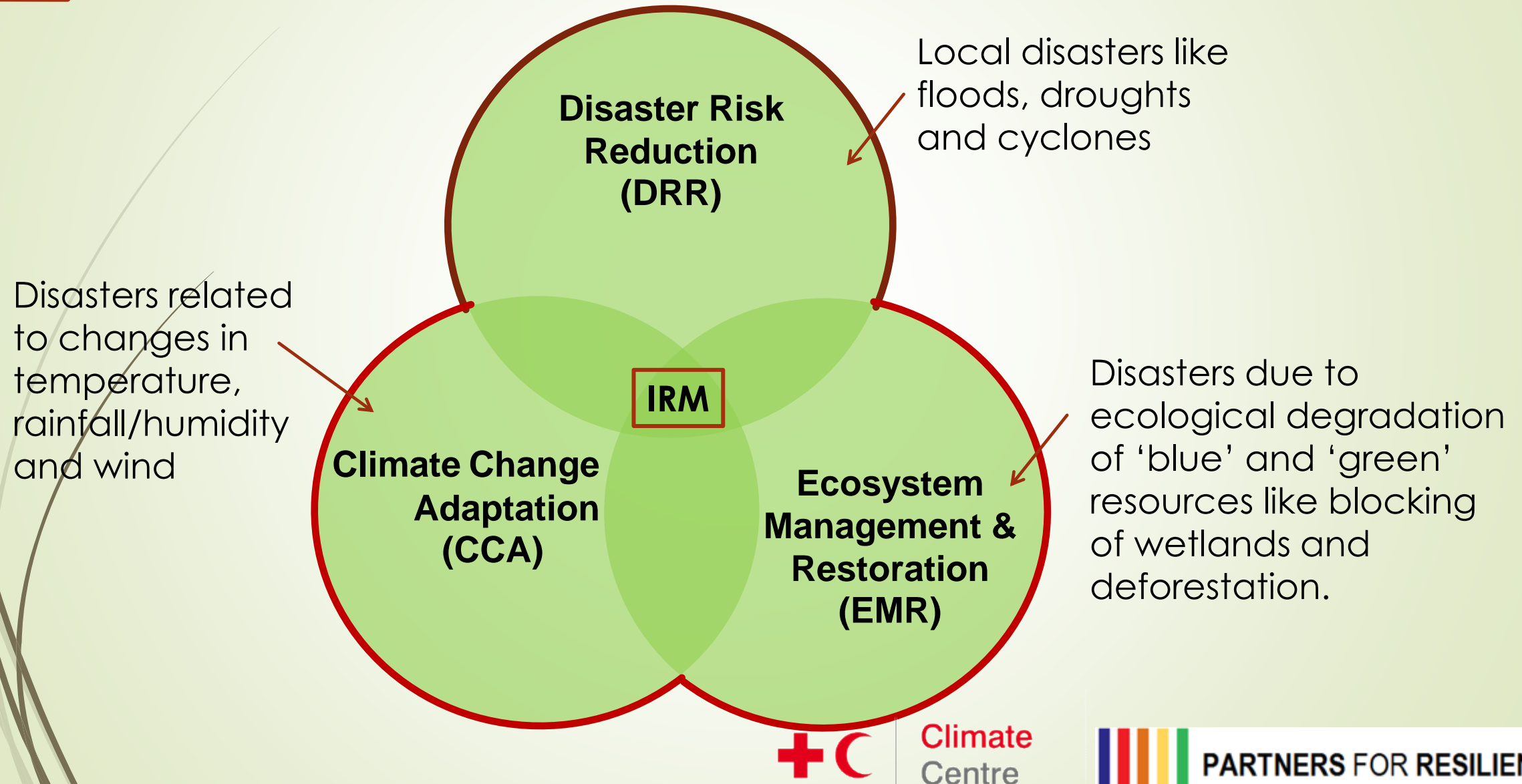
Changes in:

Policy –
Planning, Line
Departments

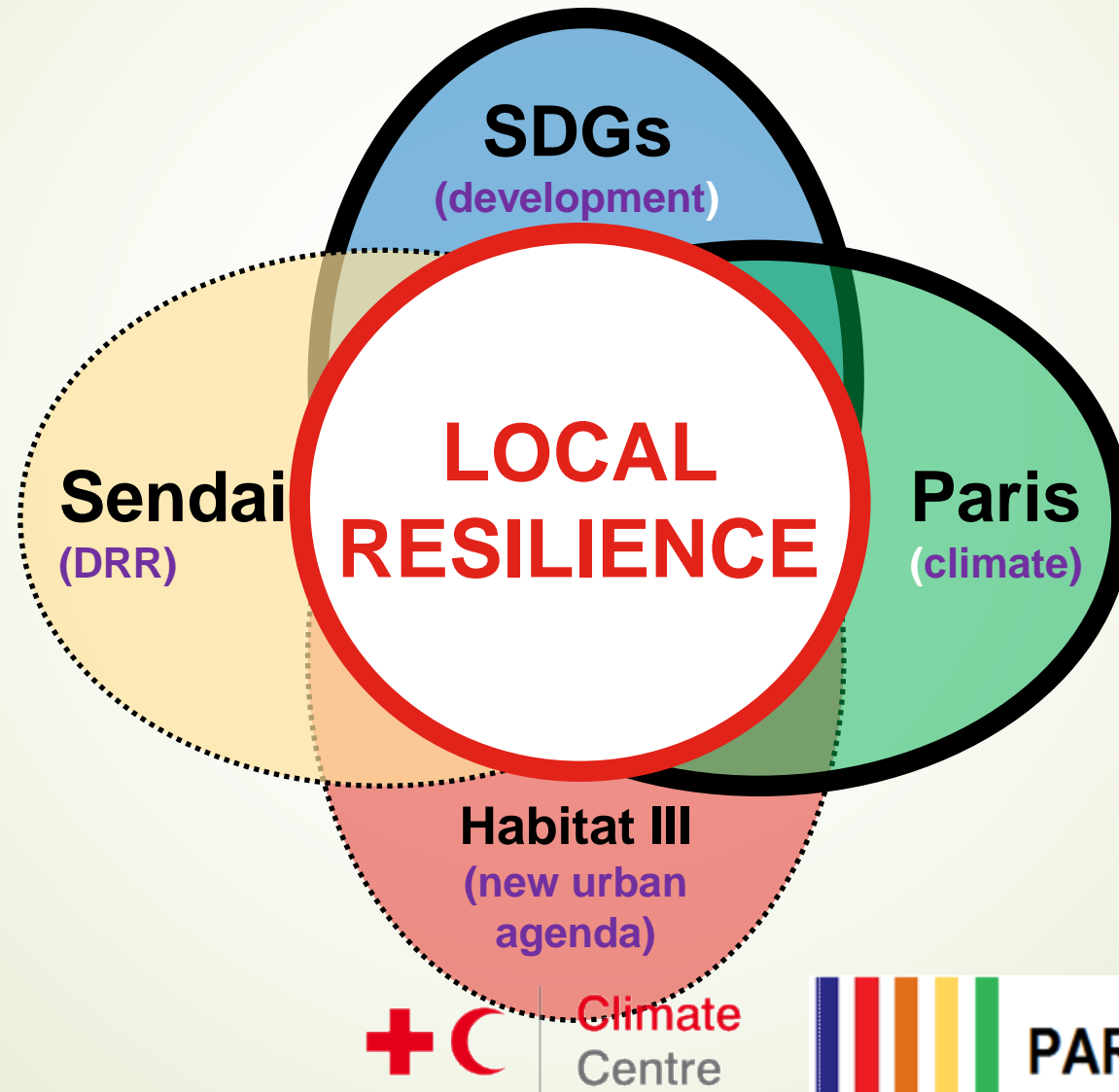
Practice –
HVCA,
Outreach

Investment –
Leveraging
public &
private funds

Disaster, Climate and Ecosystem Risks = IRM



How does IRM fit in the global policy landscape?



Minimum Standards for (MRC/NGOs) support to local implementation of climate-smart DRR

1. **Knowledge** on changing climate risks is used to adjust work plans & strategies
2. **A core group** of staff and volunteers to facilitate dialogue on how climate risks affects the CSO's work and explain basic causes, trends, projections and impacts to communities
3. **Guide communities** on how to consider seasonal forecast and climate risk information in their community action plans and on how to define 'Early Actions' to be triggered by 'Early Warning' signals
4. **Document community-level** climate-smart interventions to influence policy and practice, where appropriate
5. **Make use of dialogue opportunities** (e.g. meetings, national days for actions, conferences) to raise awareness of local adaptation needs, to shape local and national policies, and to ensure resource allocation reaches the most vulnerable people



Minimum Standards for Community-level climate-smart DRR

Community is aware of changes in weather patterns, and recognizes that some weather-related risks in the future are likely to be different from the past

2. **Community receives and understands locally available weather information**, and **households know appropriate actions to take** when inclement weather is approaching
3. In places where credible seasonal forecasts are available the **community has a reliable relationship with an organisation that can help access and make use of the forecast**
4. **Community carries out 'vulnerability and risk assessments'** that note observed changes in weather, seasonality and hazard patterns **and uses the information to develop local action plans**
5. **Community monitors and evaluates approaches to disaster risk reduction and learns** from experience in order to adjust plans to adapt to climate variability and change
6. **Community advocates for its adaptation needs** towards appropriate climate-related authorities and stakeholders



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IRM at Practice Level

HVCA Tools for IRM



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Key participatory vulnerability assessment tools

1. Climate Risk Assessment (Desk work)
2. Landscape spatial map
3. Transect Walk to map wetlands, green areas, other natural resources, landuse changes
4. Hazard vulnerability map
5. Shifting seasonal calendar
6. Historical visualisation
7. Livelihoods analysis
8. Village Capacity & Institutional Resources Map



Photo: Danish Red Cross

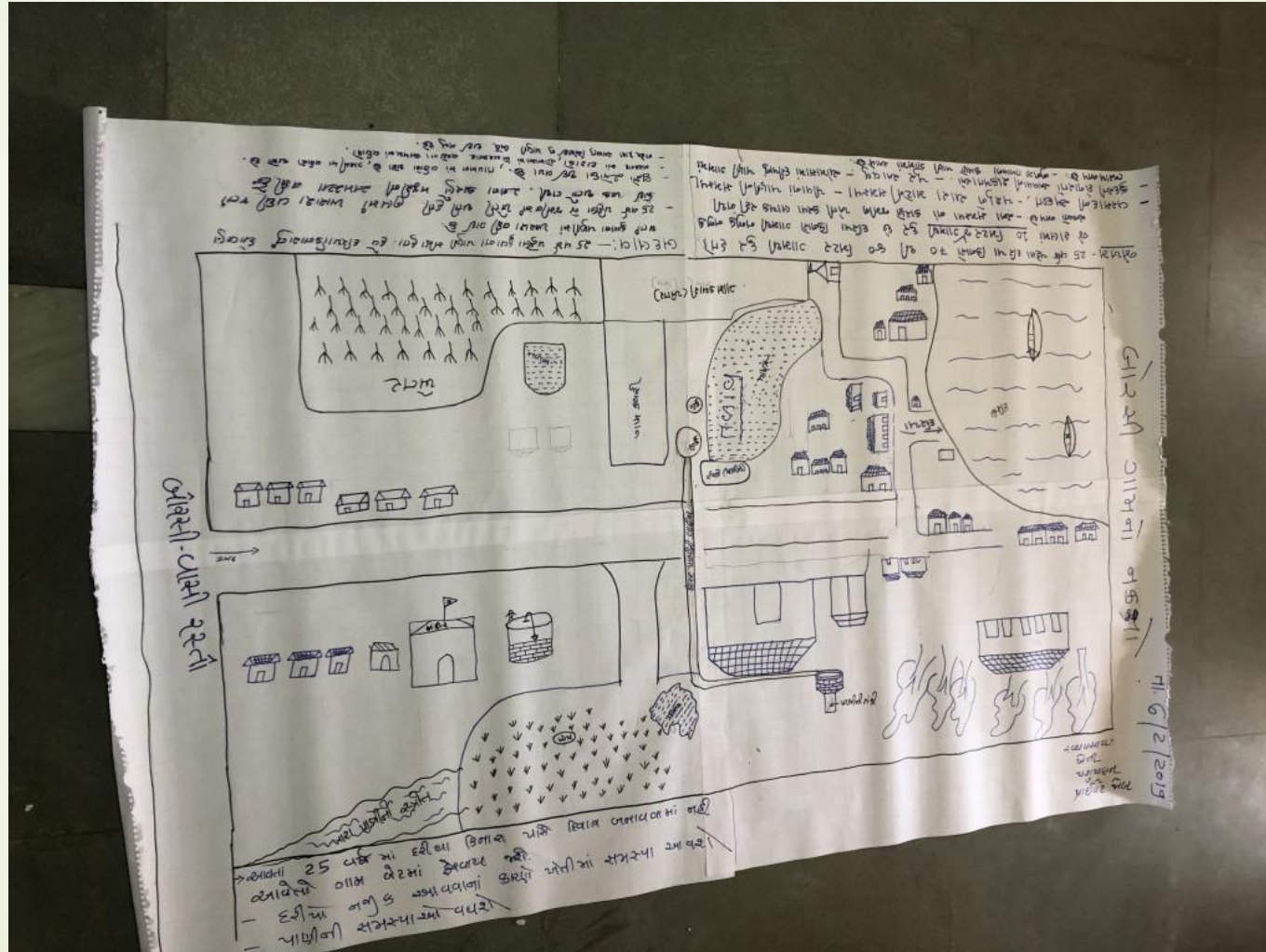


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Landscape spatial map with climate risks and impacts on livelihoods



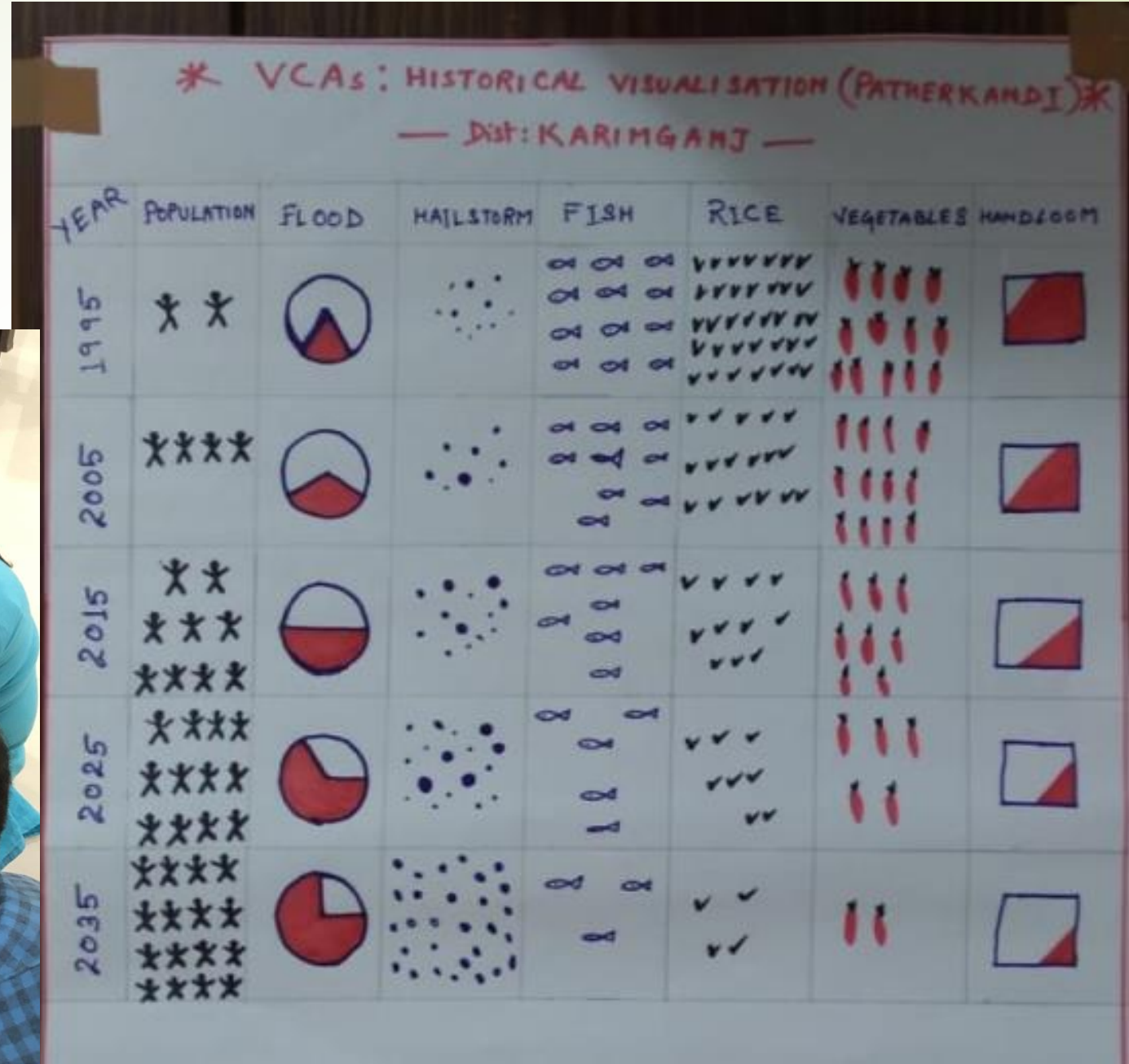
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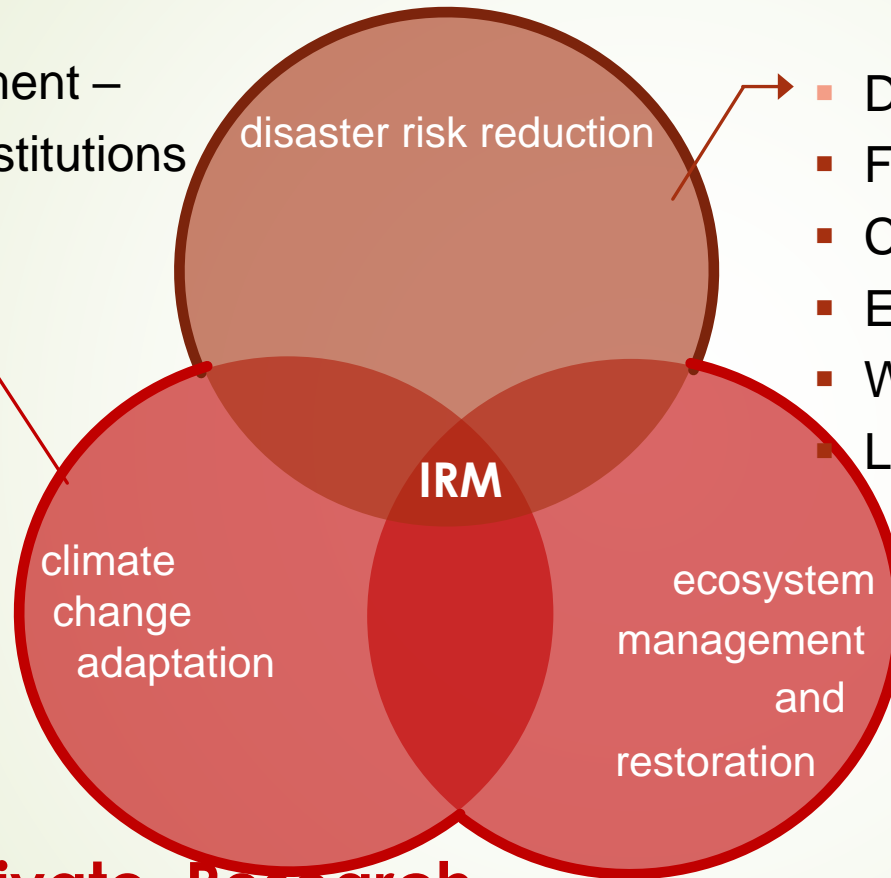


VCA: Historical Visualisation



Capacity & Institutional Resources Map

- Climate risk assessment – Climate Research Institutions
- Weather forecasts
- Seasonal forecasts
- Climate projections
- Weather-advisories
- Community groups
- Livelihoods security



- Disaster risk mapping
- First Aid
- Community groups
- Engineering infrastructure
- WASH interventions
- Livelihood strengthening

- Mapping of water bodies
- Watershed management
- Coastal buffers
- Livelihoods security

**Government, Private, Research,
Technical/financial global/local
NGOs/CSOs/ Associations/Trade
Unions, etc**



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IRM at Policy Level

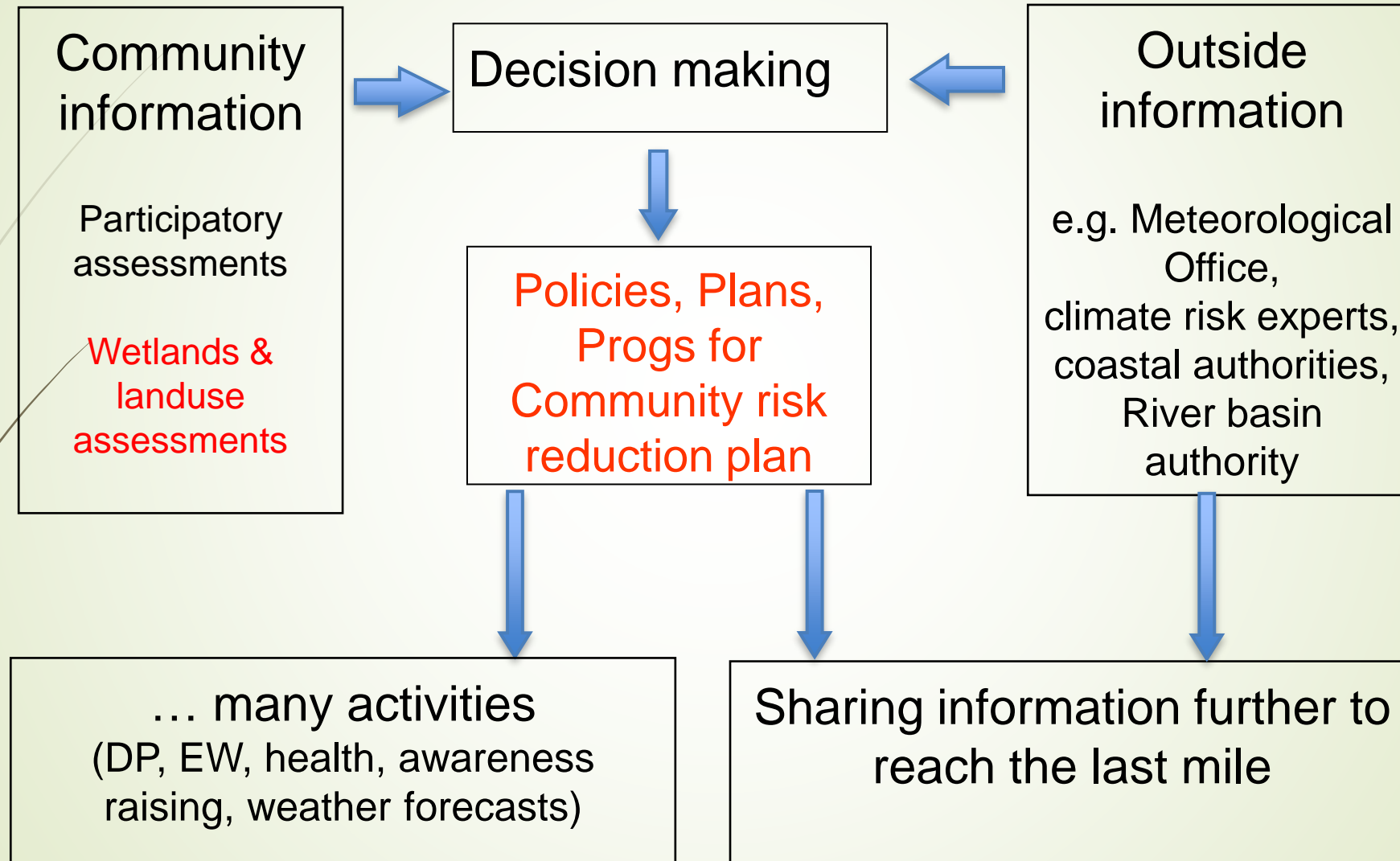


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IRM Information Flow and Action



IRM 4-Step Action Plan: 3W+H

1. **What** do you want to change? *[Ref: Landscape mapping & sustainable livelihoods/own practice changes]*
2. **Which** Island Council/city/village government **programme** will you use/influence and which research institutions you will engage with? *[Ref: Institutional map]*
3. **Who** are your other stakeholders? *[Ref: Private players, INGOs, local CSOs/associations]*
4. **How** will you bring in the IRM perspective? *[Ref: Use 3-circle game to map policies/programmes/plans/activities]*

5. Implementation Plan & Timeline



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Gram Panchayat Development Plans

- Conduct IRM VCAs with gram panchayat (local self-governance bodies) and gram sabha (local assembly of villagers)
- Adopt an ecosystem approach that will help preserve land, water and green resources to ensure sustainable development The landscape can be a river basin, a watershed area, an arid zone or a landlocked city with hinterland.
- Adopt solutions that reduce local disasters, climate risks and restore natural/ecological resources
- Identify government programmes that can help reduce risks from local disasters and climate change and regenerate ecological resources.

Examples

- Spatial planning: houses are built with land use planning in mind (not to be built in risk zones or environmentally sensitive zones)





Thank you!

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