



Members of self-help groups for persons with disabilities participating in a community planning session (Shahidul Islam, CDD)

Disability inclusive Disaster Risk Reduction (Bangladesh)

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DESCRIÇÃO

The disability inclusive approach is centered around the meaningful contribution and leadership of persons with disabilities during the entire project management cycle, from the planning stage to the evaluation of the impact of a project. It contributes to empowering them to overcome social exclusion and recognizes their needs and priorities as persons who are disproportionately at risk of disaster.

The main characteristic and central feature of the approach is that persons with disabilities can actively and meaningfully participate in, contribute to and benefit from sustainable land management/disaster risk reduction activities. The implementing organization needs to invest sufficient time and financial resources into the formation and strengthening of self-representation groups of persons with disabilities and support their active engagement with the local government and the wider community to address the physical and attitudinal barriers that hinder their full participation in the project and society in general.

The aim is twofold: On the one hand, the participation of persons with disabilities ensures that their needs and priorities are fully taken into account in the project design and implementation, to ensure that they can benefit equally from it. On the other hand, it contributes to reducing barriers beyond the project and empowers them to demand their rights in other areas of human development, like education, health or livelihood.

The main stages of disability inclusion in the implementation of a SLM/DRR technology are:

- 1) Formation of self-help groups for persons with disabilities,
- 2) trainings and other capacity development activities for the groups, including rights awareness sessions and organizational management trainings,
- 3) set up the collaboration between the groups and the local government and with other members of the community,
- 4) participation of persons with disabilities/group members in the planning phase to decide on the technology and adapt the technology to universal design standards, which takes into account their needs and the needs of other groups with other specific accessibility needs, like the elderly or pregnant women,
- 5) persons with disabilities (together with other land users) support the introduction of the technology (including the construction activities) by providing manual labor and supervision functions
- 6) full handover of the technology to land users, ensuring joint ownership includes persons with disabilities, and provision of trainings for self-maintenance,
- 7) participation of persons with disabilities in the evaluation of the impact of the technology, sharing of lessons and good practices and continuous advocacy for community development and for the rights of persons with disabilities.

Experience from Bangladesh shows that what the land users, including persons with disabilities, like about the approach is: The strong community engagement, the empowerment

LOCALIZAÇÃO



Localização: Horipur Union, Sundarbanj Sub district, Gaibandha District, Bangladesh

Geo-referência de locais selecionados

- 89.63049, 25.51988

Data de início: 2015

Ano de término: 2016

Tipo de abordagem

- Tradicional/Indígena
- Iniciativa/Inovação local recente
- Baseado em projeto/programa

and increased status of persons with disabilities, the collaboration between persons with disabilities and persons without disability, and the adaptation of existing technology to fit the needs of persons with disability.



Persons with disabilities participate in a community consultation meeting (Md. Shahidul Islam, CDD)



A women with disability using an accessible handpump wich was installed following the standards of universal design (Shahidul Islam, CDD)

OBJETIVOS DE APROXIMAÇÃO E AMBIENTE PROPÍCIO

Principais metas / objetivos da abordagem

To empower persons with disabilities to meaningfully participate in, contribute to and benefit from the implementation of an SLM/DRR technology.

Condições que permitem a implementação da Tecnologia(s) aplicada(s) sob a Abordagem

- **Disponibilidade/acesso a recursos e serviços financeiros:** The financial resources for the implementation of the technology and the extra resources needed to ensure disability inclusion, were readily available because the technology was widely and positively recognized by the community and by donors.
- **Quadro institucional:** The institutional environment was overwhelmingly supportive of the implementation of the project. The local Union Council government, schools, mosques and other civil society organizations were in favor of the technology and approach and supported the implementation.
- **Colaboração/coordenação de atores:** Beneficiaries/land users were selected in a participative process, involving the whole community. The process was transparent and inclusive. It was a foundation for the smooth collaboration with beneficiaries and other involved stakeholders later on.
- **Quadro jurídico (posse de terra, direitos de uso da terra e da água):** To ensure joint ownership of beneficiaries of the land on which the SLM/DRR Technology was implemented, an exchange of land was needed. Due to the remoteness and scarce population of the implementation area in rural Bangladesh, a cooperative local government and a manageable legal framework this was easy to achieve. A deep-rooted tube well was installed for water access of the land users. Water use rights were also easy to acquire.
- **Políticas:** No specific policies existed, which significantly affected the implementation of the technology.
- **Governança da terra (tomada de decisões, implementação e aplicação):** Land ownership was recognized by the local government and land governance was controlled by land owners.
- **Conhecimento sobre GST, acesso a suporte técnico:** Indigenous knowledge about SLM was enabling for the implementation of the technology. Technical expertise by the implementing organization (NGO) was available.
- **Mercados (para comprar entradas, vender produtos) e preços:** Inputs for construction and planting were locally available at reasonable prices.
- **Carga de trabalho, disponibilidade de força de trabalho:** During the lean season manpower was abundant in the area, but it was scarce during the planting season. The workload for the implementation of the technology was manageable and could easily be provided by land users themselves.

Condições que dificultam a implementação da Tecnologia(s) aplicada(s) sob a Abordagem

- **Normas e valores sociais/culturais/religiosos:** The social stigma and exclusion, that persons with disabilities experience in rural Bangladesh, was a challenge for the project. Persons with disabilities are sometimes believed to be incapable of contributing anything meaningful to society and village life. Some community members did not want to associate with persons with disabilities. This required an extra effort to ensure the participation of the wider community in the project and it required sustained advocacy and awareness raising for the rights and dignity of persons with disabilities.

PARTICIPAÇÃO E PAPEL DAS PARTES INTERESSADAS ENVOLVIDAS

Partes interessadas envolvidas na abordagem e seus papéis

Que partes interessadas/órgãos de implementação estavam envolvidos na abordagem?	Especifique as partes interessadas	Descreva o papel das partes interessadas
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Usuários de terra/comunidades locais	The land users include 10 families who jointly own and inhabit the land of the cluster village.	Land users were closely engaged in the implementation of the technology by participating in decision making processes, informing the design of the technology and contributing to the construction process.
Organizações comunitárias	Self-help (self-representation) groups of persons with disabilities are informal community based groups of 15 persons with different types of disabilities (physical-, sensory- and mental disabilities).	The group is closely engaged in the implementation of the technology. It participates in decision making processes, informs the design of the technology, contributes to the construction process, is engaged in the evaluation of the technology and the sharing of learnings about it to the wider community. The group also provides benefits for its members by supporting them with everyday challenges, which can be of economic, legal or social nature, and promotes the rights of all persons with disabilities in the community.
Organização não governamental	The implementing NGOs included an international and a local organization in partnership (CBM and CDD).	CDD was responsible for the overall management of project implementation and the collaboration with other involved local stakeholders. CBM provided training and technical support.
Governo local	The Union Parishad government is the lowest level of local government.	The Union Parishad government managed land ownership and approved construction projects.

Envolvimento do usuários de terra/comunidades locais nas diferentes fases da abordagem

	Nenhum	Passivo	Apoio externo	Participativo	Automobilização	
Iniciação/motivação	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Land users contributed to the initial situation analysis and joined self-help groups for persons with disabilities.
Planejamento	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Land users, and in particular those who are persons with disabilities, participated in all planning and decision making processes related to the design and introduction of the technology, including the selection of the land.
Implementação	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Land users engaged in the construction of the technology by providing paid and unpaid labor.
Monitoramento/avaliação	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The land users monitored the implementation process and gave feedback to the implementing NGOs when changes were needed. Land users participated in the evaluation of the technology and the approach and contributed to the dissemination of good practices and learnings.

Fluxograma

Not available.

Tomada de decisão sobre a seleção da Tecnologia GST

As decisões foram tomadas por

- Somente usuários da terra (iniciativa própria)
- Principalmente usuários da terra, apoiados por especialistas em GST
- todos os atores relevantes, como parte de uma abordagem participativa
- Principalmente especialistas em GST, após consulta com usuários da terra
- Somente especialistas em GST
- Políticos/líderes

As decisões foram tomadas com base em

- Avaliação de conhecimento bem documentado de GST (tomada de decisão baseada em evidências)
- Resultados de pesquisa
- Experiência pessoal e opiniões (não documentado)

SUPORTE TÉCNICO, REFORÇO DAS CAPACIDADES E GESTÃO DO CONHECIMENTO

As seguintes atividades ou serviços têm sido parte da abordagem

- Reforço das capacidades/ formação
- Serviço de consultoria
- Fortalecimento da instituição (desenvolvimento organizacional)
- Monitoramento e avaliação
- Pesquisa

Reforço das capacidades/formação

Foi fornecido treinamento às seguintes partes interessadas

- Usuários de terra
- Equipe de campo/consultores

Tipo de formação

- Em exercício
- Agricultor para agricultor
- Áreas de demonstração
- Reuniões públicas
- Cursos

Assuntos abordados

On the job training and demonstration on the construction and maintenance of the technology. Training to self-help groups for persons with disabilities on the rights of persons with disabilities, the use and benefits of the technology for persons with disabilities and the management of self-help groups.

Serviço de consultoria

Foi prestado um serviço de consultoria

- nas áreas dos usuários da terra
- Em centros permanentes
- construction/implementation of technology

The implementing NGOs provided detailed technical support to land users on the adaptation of the technology to the needs of persons with disabilities, following the standards of universal design.

Fortalecimento institucional

As instituições foram fortalecidas / estabelecidas

- Não
- Sim, pouco
- Sim, moderadamente
- Sim, significativamente

no seguinte nível

- Local
- Regional
- Nacional

Descreva instituição, papéis e responsabilidades, membros, etc.

Local self-help groups and their APEX body (umbrella group) at Union level were strengthened. Their roles of the self-help groups were to establish a mutual support network, raise awareness among group members of disability rights and development issues, pool resources and give individual persons with disabilities a greater political voice. The APEX body gave the groups contact points beyond their immediate community and gave further weight to their political voice.

Tipo de apoio

- Financeiro
- Reforço das capacidades/ formação
- Equipamento

Mais detalhes

To strengthen self-help groups, they were provided with, 1) awareness- and skill development trainings, 2) financial support for climate resilient income generation through agricultural and non-agricultural activities, and 3) assistive devices.

Monitoramento e avaliação

A participatory monitoring and evaluation system was implemented with support of the self-help groups for persons with disabilities.

FINANCIAMENTO E APOIO MATERIAL EXTERNO

Orçamento anual em USD para o componente GST

- < 2.000
 - 2.000-10.000
 - 10.000-100.000
 - 100.000-1.000.000
 - > 1.000.000
- Precise annual budget: 218702.0

The annual budget includes the total funds used for the introduction of the technology. Funds were provided through the implementing NGOs CBM and CDD, with the support of a private donor from Germany.

Os seguintes serviços ou incentivos foram fornecidos aos usuários de terras

- Apoio financeiro/material concedido aos usuários da terra
- Subsídios para insumos específicos
- Crédito
- Outros incentivos ou instrumentos

Apoio financeiro/material concedido aos usuários da terra

Land users received a daily fee for the labor provided for the introduction of the technology. The NGOs also provided most material input for the technology, including soil, sand, seeds, seedlings, grass, trees, ramp, water and sanitation facilities.

Mão-de-obra

Labor provided by land users for certain construction activities was compensated with a daily fee.

Parcialmente financiada
 Totalmente financiada

Equipamento: Maquinário

Rent of sand extraxvation machine was funded by the project.

Equipamento: Maquinário: Ferramentas

Tools for construction activities was provided to land users by the project.

Agrícola: Sementes

Seeds and seedlings for the homestead garden was provided by the project.

Agrícola: Sementes: Fertilizantes

The facility for composting organic fertilizer was provided by the project.

Plants

Deep-rooted fruit trees and grass turfing was provided by the project.

Construção: Madeira

Wood for fencing for the homestead vegetable garden in front of all houses and a flood resilient cow sheds in the village was provided by the project.

Soil

The purchase of soil for the raising of land was funded by the project.

Infraestrutura: Estradas

Construction material for barrier free connections to all houses in the village was funded by the project.

Ramp

A ramp, connecting the cluster village with the road was funded by the project.

A mão-de-obra dos usuários da terra foi

- Voluntário
- Comida por trabalho
- Pago em dinheiro
- Recompensado com outras formas de apoio material

ANÁLISE DE IMPACTOS E DECLARAÇÕES FINAIS

Impactos da abordagem

	Não	Sim, pouco	Sim, moderadamente	Sim, significativamente
A abordagem concedeu autonomia aos usuários locais de terra, melhorou a participação das partes interessadas? The approach is based on the empowerment of land users, in particularly those who are persons with disabilities. It ensured participation of persons with disabilities who would otherwise be isolated and excluded.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
A abordagem propiciou a tomada de decisão baseada em evidências?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A abordagem auxiliou os usuários da terra a implementar e manter as tecnologias de GST? The project supported land users with the implementation and use of the technology.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A abordagem melhorou a coordenação e a implementação economicamente eficiente da GST? The coordination among land users has improved and actions of land management have become more cost effective.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A abordagem mobilizou/melhorou o acesso aos recursos financeiros para implementação da GST?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A abordagem aprimorou o conhecimento e as capacidades dos usuários da terra para implementar a GST? Land users were provided with trainings and demonstrations about the implementation and use of the technology.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A abordagem aprimorou o conhecimento e as capacidades de outras partes interessadas? The local government, other members of the community and other non-governmental organizations took note of the technology and sensitization about the rights and needs of persons with disabilities increased.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A abordagem construiu/fortaleceu instituições, colaboração entre partes interessadas? The approach strengthened the collaboration between the local government and self-help groups of persons with disabilities.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A abordagem atenuou conflitos? Joint decision making and the resolution of conflicts among land users improved through the joint management of the land.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A abordagem concedeu autonomia aos grupos social e economicamente desfavorecidos? The approach empowered persons with disabilities and other land users, who all belonged to economically marginalized groups. Their social and economic status greatly improved.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A abordagem melhorou a igualdade de gêneros e concedeu autonomia a mulheres e meninas? Land user participation in the implementation of the technology always included men and women. Self-help groups for persons with disabilities, which were formed and strengthened by the project, always included around 50% women. Meaningful participation by women in group meetings was promoted by the implementing NGOs.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A abordagem encorajou os jovens/as próximas gerações de usuários de terra a se envolverem na GST? The technology was of of high interest for youth clubs, high school students and other young people in the community and many voiced the intention of replicating it in the future.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A abordagem melhorou as questões de posse de terra/diretos do usuário que inibiam a implementação das tecnologias de GST?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A abordagem resultou em segurança alimentar aprimorada/nutrição melhorada? The technology improved food security and nutrition through the introduction of fruit tree plantation and a homestead vegetable garden.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A abordagem melhorou o acesso aos mercados? The construction of a ramp for road access allows wheelchair users and other persons with limited mobility to better access local markets.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A abordagem resultou em acesso melhorado à água e ao saneamento? The technology improved water access through the drilling of a deep bore hole water source for common water access and the construction of barrier free household latrines.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

A abordagem resultou em uso/fontes de energia mais sustentável?

The technology lead to more sustainable energy use through the provision of household based mini solar systems.



A abordagem aprimorou a capacidade dos usuários da terra de adaptar-se a mudanças climáticas/extremos e atenuar os desastres relacionados com o clima?

The technology offers a safe and accessible space for housing, fruit and vegetable cultivation and livestock shelter. It greatly improved the capacity of land users to adapt to the increasing occurrence and intensity of monsoon floods.



A abordagem resultou em emprego, oportunidades de renda?

The technology improved income opportunities through the introduction of a flood resilient fruit tree plantation and homestead vegetable garden. Part of the harvest can be sold on the market.



Principal motivação dos usuários da terra para implementar a GSTAtividades de sustentabilidade de abordagem

Produção aumentada

Lucro (lucrabilidade) aumentado, melhora da relação custo-benefício

Degradação do solo reduzida

Riscos de desastre reduzido

Carga de trabalho reduzida

Pagamentos/subsídios

normas e regulamentos (multas)/aplicação

Prestígio, pressão social/coesão social

Afiliação a movimento/projeto/grupo/rede

Consciência ambiental

Costumes e crenças, moral

melhoria dos conhecimentos e aptidões de GST

Melhoria estética

Atenuação de conflitos

Os usuários da terra podem sustentar o que foi implementado através da Abordagem (sem apoio externo)?

Não

Sim

Incerto

CONCLUSÕES E EXPERIÊNCIAS ADQUIRIDAS

Pontos fortes: visão do usuário de terra

- Land users greatly appreciate the empowerment and social cohesion that the approach enabled. Decisions are taken together and conflicts in the village can be mitigated. The Cluster Village has become a safe space and meeting point for the whole community.
- The Cluster Village is fully inclusive of persons with disabilities (inclusion in decision making processes and social activities and fully accessible infrastructure), which is something that land users are proud of because it is the first such set-up in the community and is appreciated as a model by others.

Pontos fortes: a visão do/a compilador/a ou de outra pessoa capacitada

- Meaningful participation and of persons with disabilities in project implementation has a signaling effect beyond the project and fosters sensitization of the local government and wider community for more inclusive community development and principles of universal design.
- Formation of self-help groups of persons with disabilities and their active engagement with the wider community on community development issues, which go beyond the rights and needs of persons with disabilities, lead to empowerment and greater social inclusion of persons with disabilities.

Pontos fracos/desvantagens/riscos: visão do usuário de terracomo superar

- Technical knowledge gap when it comes to the maintenance of the technology and the continuous dependence on external support. Invest sufficient resources in trainings and capacity building and emphasis and formalize the transfer of ownership of the technology to land users.

Pontos fracos/desvantagens/riscos: a visão do/a compilador/a ou de outra pessoa capacitada como superar

- Formation and strengthening of self-help groups of persons with disabilities to the level where they are sustainable and able to make significant contributions to the projects and community development and demand their rights, takes significant resources with regard to time and funds invested. Strong commitment of the implementing organization to inclusive programming and sufficient internal capacity building.

REFERÊNCIAS

Compilador/a
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Pessoas capacitadas

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Descrição completa no banco de dados do WOCAT

https://qcat.wocat.net/pt/wocat/approaches/view/approaches_2001/

Dados GST vinculados

Technologies: Disability inclusive, flood resilient cluster village https://qcat.wocat.net/pt/wocat/technologies/view/technologies_2005/
Technologies: Disability inclusive, flood resilient cluster village https://qcat.wocat.net/pt/wocat/technologies/view/technologies_2005/

A documentação foi facilitada por

Instituição

- Christoffel Blindenmission (CBM) - Suíça

Projeto

- Book project: where people and their land are safer - A Compendium of Good Practices in Disaster Risk Reduction (DRR) (where people and their land are safer)

Referências-chave

- Disability inclusive disaster risk management, CBM, 2013:
http://www.cbm.org/article/downloads/54741/Disability_Inclusive_Disaster_Risk_Management.pdf

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