

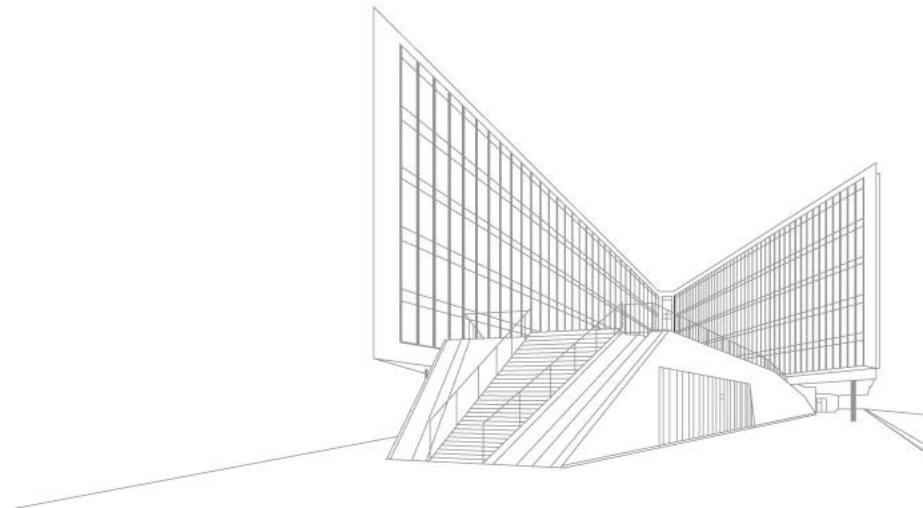
Introducing the Knowledge Management System

Victor Low
UNEP



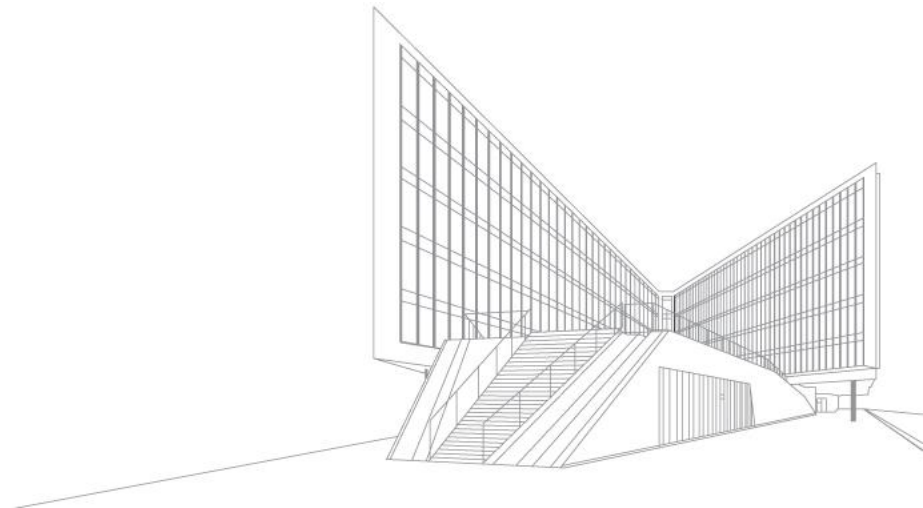
Objectives of the Session on the CTCN KMS

- **Understand the CTCN Knowledge Management System and the types of assistance it can provide**
- **Stimulate thinking on KMS potential from an NDE perspective and capture suggestions**



Outline for Knowledge Management Discussion

- **Introduction to the Knowledge Management System**
- **Consultations and other research derived recommendations for the KMS**
- **The KMS database**
- **Services and features of the KMS**
- **ctc-n.org demonstration site**



Background

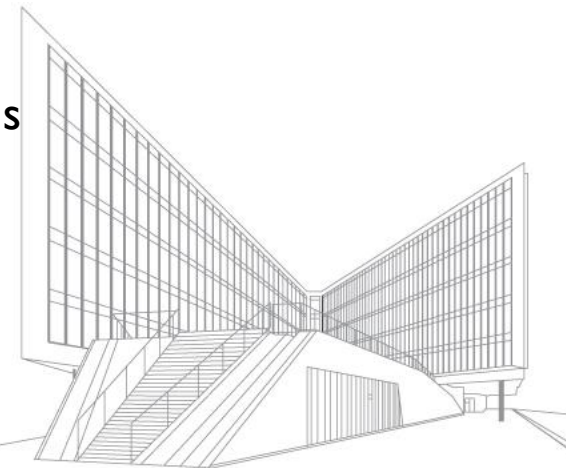
What is a Knowledge Management System?

Working Definition of a Knowledge Management System

- For the purposes of the CTCN, we define a knowledge management system as one that is an organized, primarily web-based structure for collecting, analyzing, and disseminating information, products, and services to facilitate technology transfer to and among developing countries.

Who should use the KMS?

- The KMS will serve both internal and external functions of the CTCN. The core external users include:
 - National Designated Entities (NDEs)
 - Government agencies in developing countries
 - Technical institutes
 - Private sector, civil society, and international organizations



The CTCN Knowledge Management System (KMS)

The knowledge management system will serve as a core resource for developing countries by:

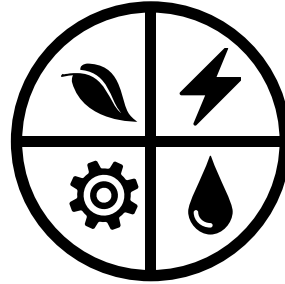
- Enabling quick processing of requests from NDEs for in-depth assistance from the CTCN, coordinating quick-response support, and tracking and managing CTCN workflow
- Providing access to climate adaptation and mitigation technology data, tools, reports and other resources and an open platform for input on these resources and knowledge sharing across countries and institutions
- Facilitating web-based, peer-to-peer learning and training across communities of practice and matchmaking with programs that offer additional assistance.



The CTCN Knowledge Management System (KMS)



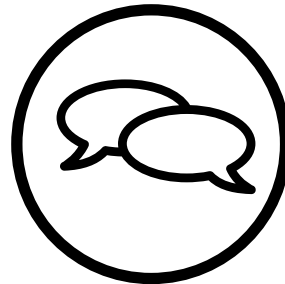
technical
assistance



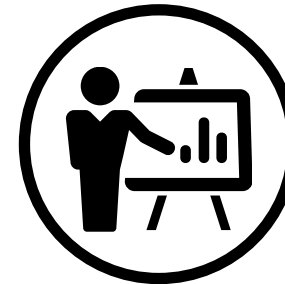
sectoral focus



regional focus



multilingual



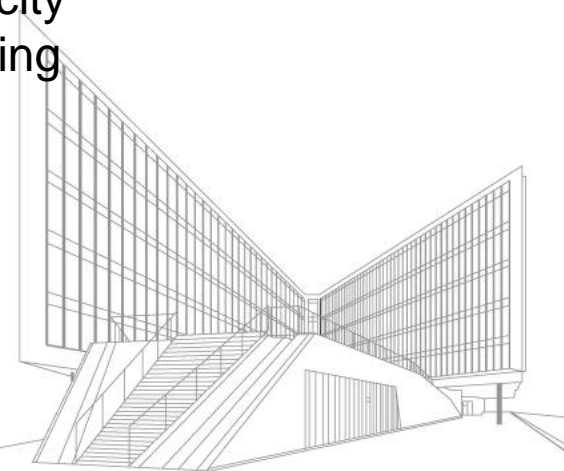
capacity
building



mobile
friendly



adaptation/mitigation
resources



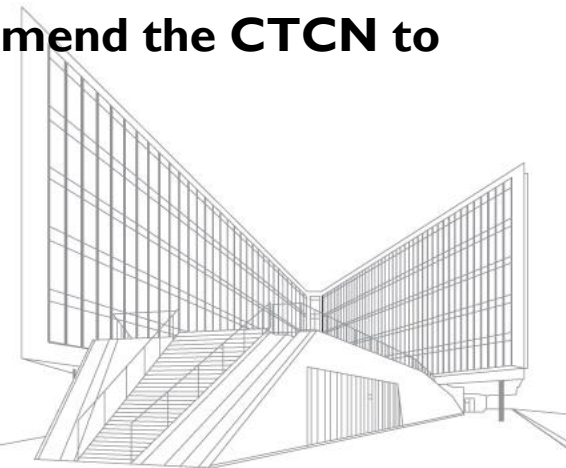
Feedback on these Recommendations?

Do you agree with these recommendations?

Do you have additional suggestions to offer regarding

- Information
- Services
- Usability for international audiences
- And outreach and communications aspects of the KMS?

Are there other websites you find useful and would recommend the CTCN to look into further?





Robust, Curated Resource Database

Robust, Easily Navigated Resource Database

Users will be able to navigate the KMS database by region, country, or sector, or through keyword searches.

The screenshot displays the CTCN website interface for the Southeast Asia region. The top navigation bar includes links for Home, About CTCN, Resource Database, Technical Assistance, Finance & Funding, Capacity Building, and Climate Organization Directory. The main header features the CTCN logo and an NDE Login button. Below the header, the page is titled "Southeast Asia". A sidebar on the right contains a "Countries" section with a map of Southeast Asia and a list of countries: Brunei, Cambodia, Christmas Island, East Timor, Indonesia, Laos, Malaysia, Myanmar (Burma), Philippines, Singapore, Thailand, and Vietnam. A table below the map shows the number of projects, NDGs, and states for each country. The main content area is divided into "Southeast Asia News" and "Southeast Asia Upcoming Events" sections, each featuring a "Lorem Ipsum Dolor Set Amet" placeholder. A "More country data / visualization" link is located at the bottom right of the main content area. On the left side, there are two search filters: "Southeast Asia Resources" and "Southeast Asia Trainings". The "Resources" filter allows users to search by sector (All Sectors, Agriculture, Energy, Forestry, Industry, Water) and includes a "Search Resources" button. The "Trainings" filter allows users to search by topic (Select Topic dropdown) and format (All Training Formats, Live Trainings, Past Trainings) and includes a "Search Trainings" button.

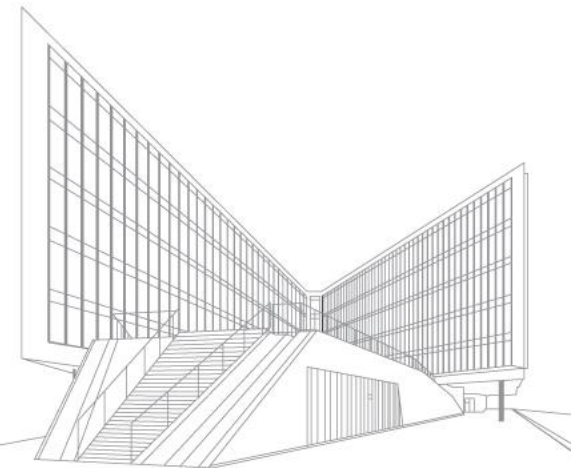
The screenshot displays the CTCN website interface for the Agriculture sector. The top navigation bar and header are identical to the Southeast Asia page. The main header features the CTCN logo and an NDE Login button. Below the header, the page is titled "Agriculture". A sidebar on the right contains a "Heading" section with a heading and a list of "Agriculture Projects" (4) and "Agriculture States" (37). The main content area is divided into "Agriculture News" and "Agriculture Events" sections, each featuring a "Lorem Ipsum Dolor Set Amet" placeholder. A "More country data / visualization" link is located at the bottom right of the main content area. On the left side, there are two search filters: "Agriculture Resources" and "Agriculture Trainings". The "Resources" filter allows users to search by region (Select Region dropdown) and includes a "Search Resources" button. The "Trainings" filter allows users to search by topic (Select Topic dropdown) and format (All Training Formats, Live Trainings, Past Trainings) and includes a "Search Trainings" button.

Resources focused on both **adaptation** and **mitigation** will be available and categorized.



Resource Database Topics Include:

- **Best Practices**
- **Case Studies**
- **Cost Information**
- **Deployment Status**
- **Finance and Business Models**
- **Technology/Service Providers**
- **Methodologies and Guides**
- **Research and Development (R&D)**
- **Technical and Market Potential**
- **Technical Guidance**
- **Finding Sources and Investment Flows**



Services and Features of the KMS

Technical Assistance

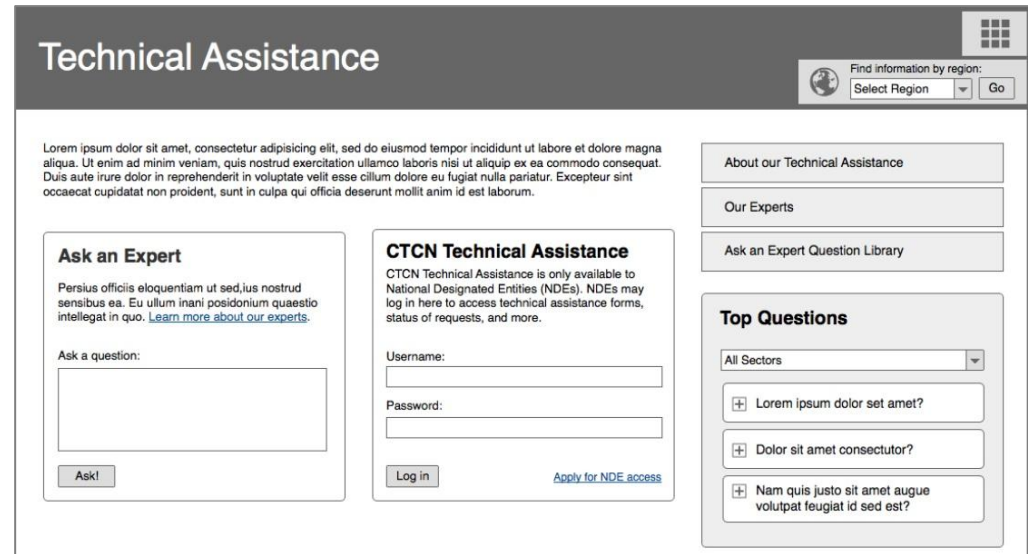
The KMS will provide access to remote, short-term technical assistance.

The KMS will provide access to three levels of technical assistance:

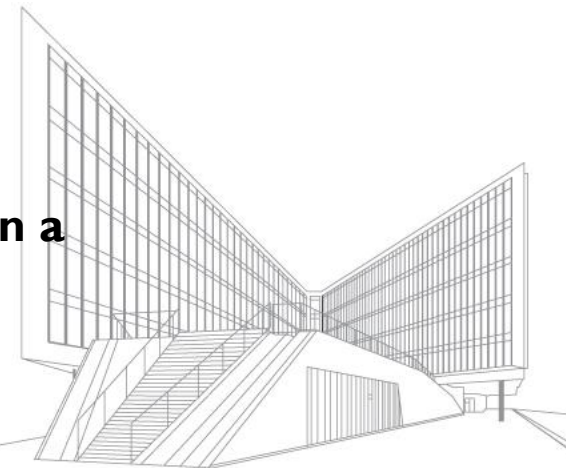
- CTCN technical assistance
- Ask an Expert
- Help Desk

The CTCN will facilitate access to expert technical assistance in collaboration with LEDS Global Partnership and the Clean Energy Solutions Center.

The CTCN will provide short-term technical assistance on a variety of climate technology topics

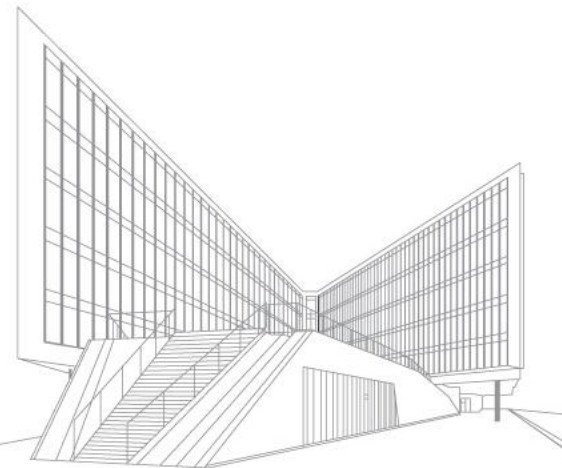


The screenshot shows a web interface titled "Technical Assistance". At the top right, there is a search bar with the text "Find information by region:" and a "Select Region" dropdown menu, followed by a "Go" button. Below the search bar, there is a paragraph of placeholder text: "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum." The main content area is divided into three columns. The left column is titled "Ask an Expert" and contains a text input field labeled "Ask a question:" and a "Ask!" button. The middle column is titled "CTCN Technical Assistance" and contains a login form with "Username:" and "Password:" labels, input fields, a "Log in" button, and a link "Apply for NDE access". The right column is titled "Top Questions" and contains a dropdown menu labeled "All Sectors" and three question cards with plus signs and placeholder text: "Lorem ipsum dolor set amet?", "Dolor sit amet consectetur?", and "Nam quis justo sit amet augue volutpat feugiat id sed est?".



Technical Assistance

- **What types of climate technology assistance programs do you currently access? Why or why not? Do you access these online?**



Web Offerings: Capacity Building, Finance Information, and Peer Exchange

- **Capacity Building Hub**

- Webinars
 - E-learning
 - Virtual meetings
 - Peer-to-peer learning
- Sample curricula
 - NDE training courses



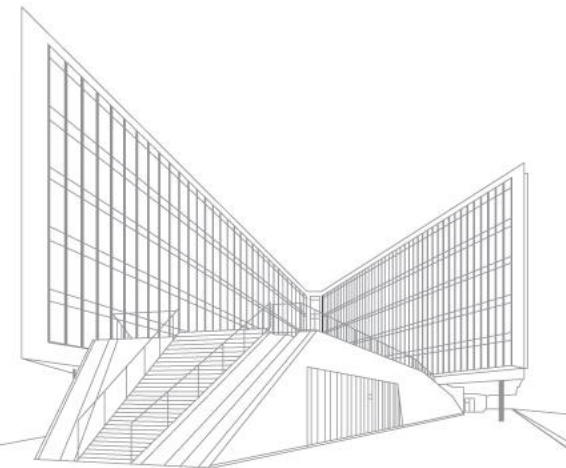
- **Finance and Funding Hub**

- Matchmaking information
- Investment flow information
- Finance best practices
- Business models
- Investment trends



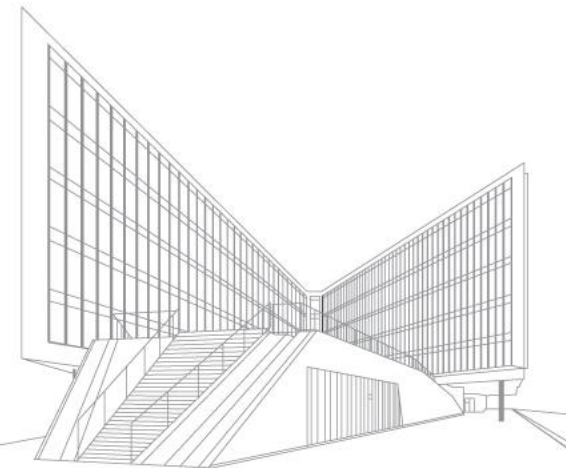
- **Exchange**

- Communities of practice
- Sharing of resources, experiences, and information



Web Offerings: Capacity Building, Finance Information, and Peer Exchange

- **Do you access online capacity building opportunities?**
- **What type of finance and funding information would be of most use to you?**
- **Do you utilize online communities? Why or why not?**



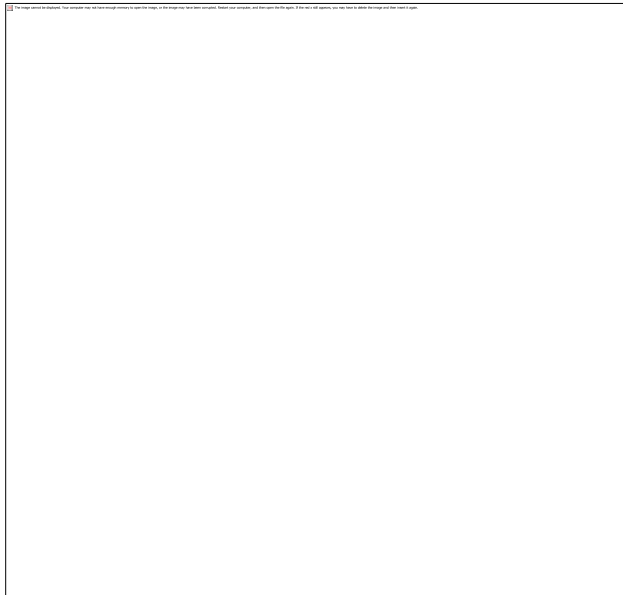


The CTC-N.ORG Demonstration Site

Phase I of the KMS

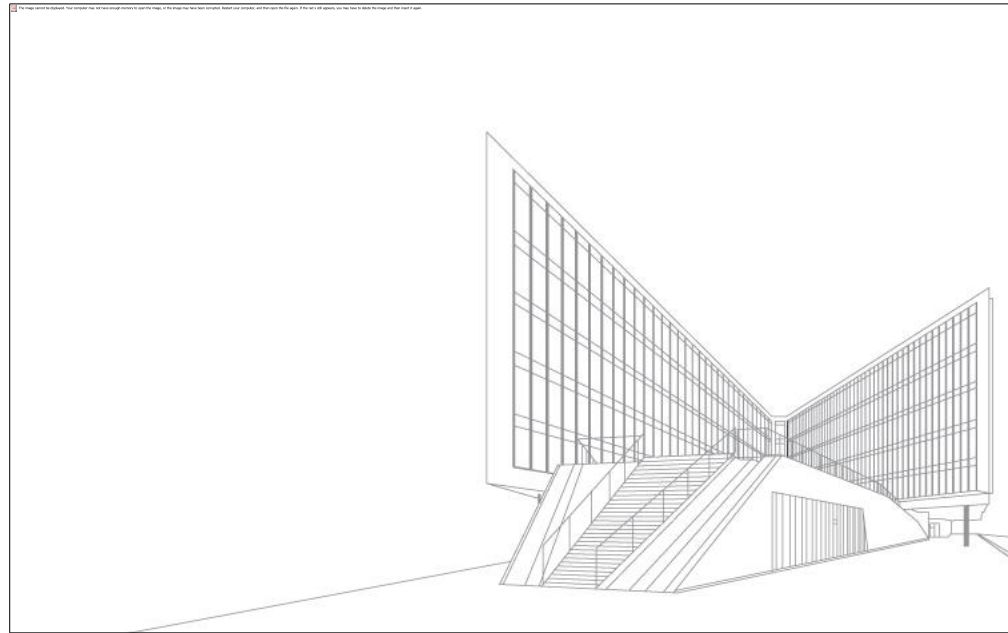
We look forward to your review of the beta site and feedback on what resources and services you would find valuable.

- The beta database includes resources focused on five priority sectors



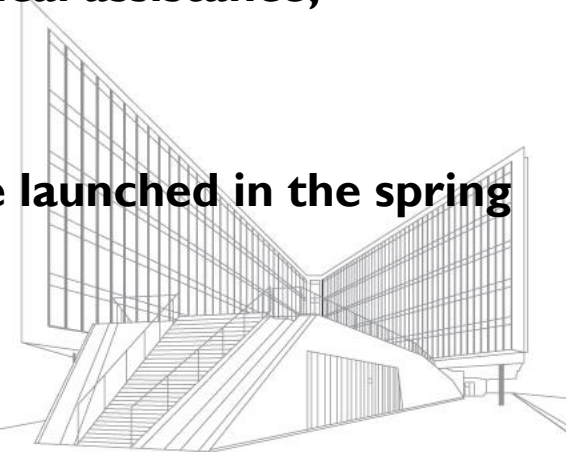
- Launched and operational in the Spring of 2014

See a demo site at ctc-n.org



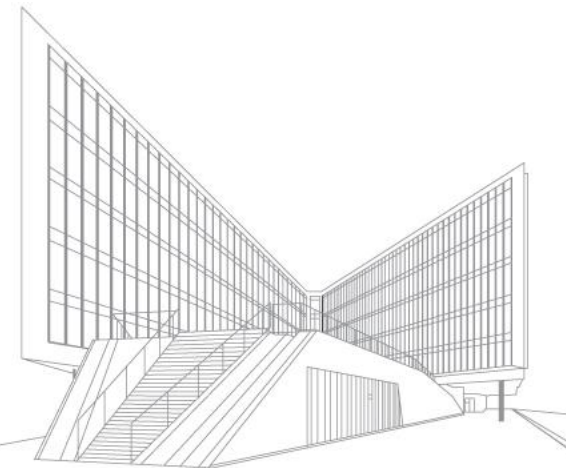
Summary of the CTCN KMS

- **The CTCN Knowledge Management System was developed based on consultations and other research derived recommendations from regional and topical experts**
- **The KMS will undergo continuous improvement to incorporate feedback from NDEs**
- **The KMS database currently contains over 400 resources spanning five priority sectors and growing: Agriculture, Forestry, Energy, Water, Industry**
- **Services and features of the KMS: tiered level of technical assistance, capacity building tools and services**
- **ctc-n.org currently in demonstration mode and will be launched in the spring of 2014**



Review of Objectives of the Session on the KMS

- **Understand the CTCN Knowledge Management System and the types of assistance it can provide?**
- **Stimulate thinking on KMS potential from an NDE perspective and capture suggestions?**

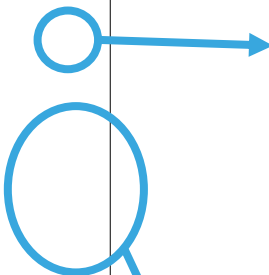
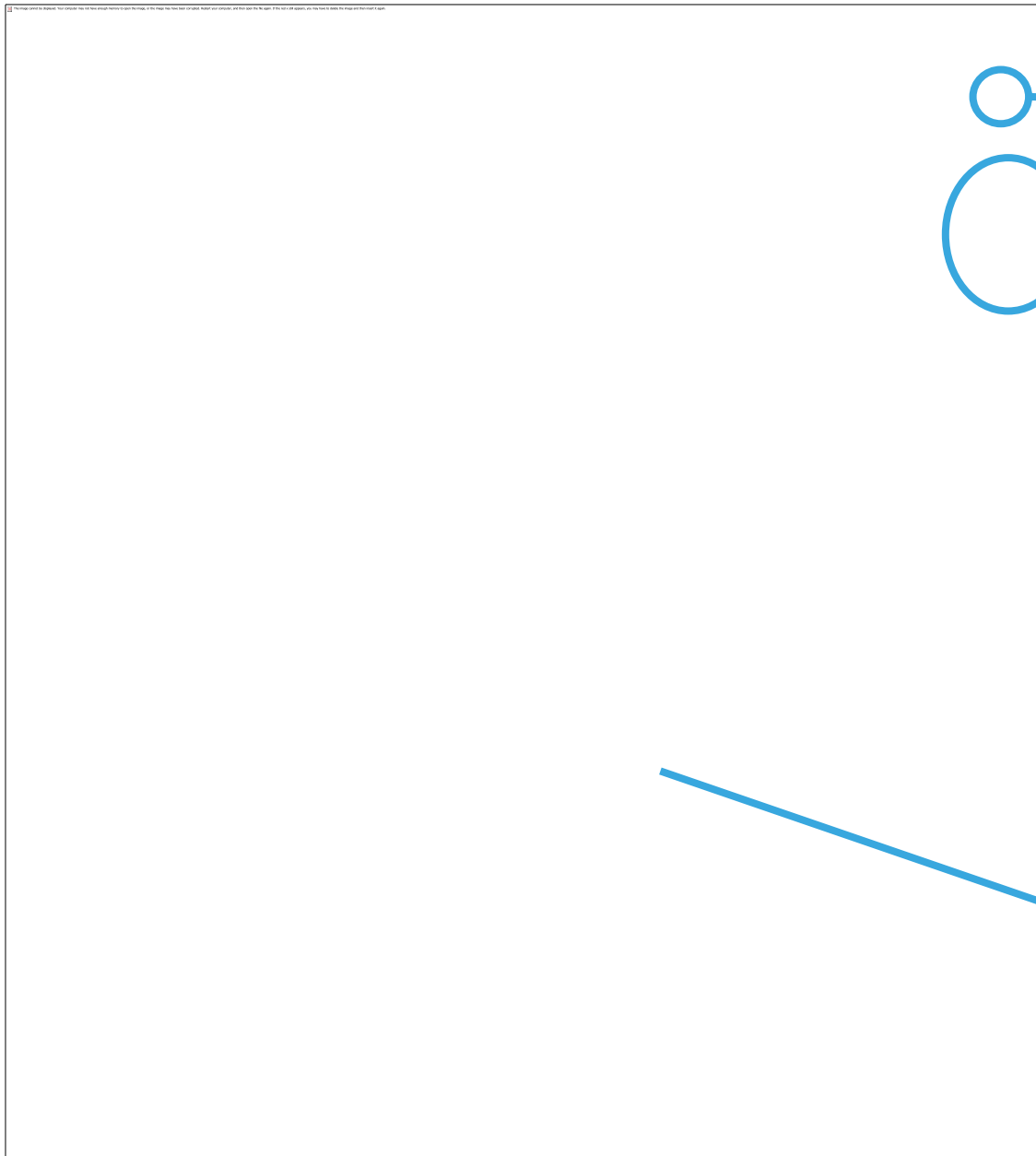


Questions?

ctc-n.org



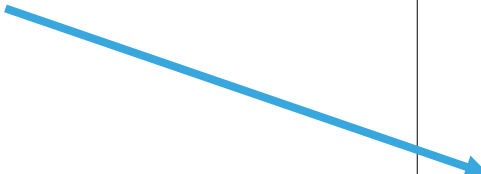
Homepage



Translate the site to one of six U.N. official languages (Arabic, Chinese, English, French, Russian and Spanish)

QUESTION: Do you use this feature on other websites? Do you use Google Translate on other websites?

Open flyouts to select sector- or region- specific pages



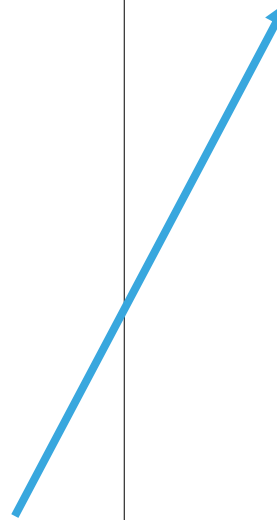
QUESTION: What other information relating to climate change technology adaptation and mitigation would you like to see on a map?

Sectoral Pages



Here we would hope to show an interesting data visualization related to the sector.

QUESTION: What sort of data would you like to see displayed on an overview page for a sector?

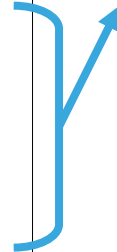



Sectoral Pages



Countries

Brunei			
Cambodia			
Christmas Island			
East Timor			
Indonesia			
Laos			
Malaysia			
Myanmar (Burma)			
Philippines			
Singapore			
Thailand			
Vietnam			
	Region Projects	Region NDEs	Region Stat
	12	3	37



Overview of the region, including countries in that region and some interesting at-a-glance statistics.



Here we would hope to show a quick summary of a CTCN project taking place in the region once there are some available.

Resource Database

The screenshot shows the CTCTN Resource Database website. The browser address bar displays 'http://ctc-n.org'. The website header includes the CTCTN logo and a 'Login' button. The main navigation menu contains: Home, About CTCTN, Resource Database, Technical Assistance, Finance & Funding, Capacity Building, and News & Events. The 'Resource Database' section is active, showing a search bar with the text 'search...' and a magnifying glass icon. Below the search bar, it indicates '418 resources found' and an 'Order by: Relevance' dropdown menu. The left sidebar contains several filter categories, each with a 'Clear all' link:

- Sector**: Agriculture, forestry, and land use (126); Biodiversity and ecosystems (16); Coastal zones (8); Energy (203); Fisheries (3); Health and social systems (8); Industrial process and product use (117); Waste (24).
- Region**: Global (142); + AFRICA; + LATIN AMERICA AND THE CARIBBEAN; NORTH AMERICA; + ASIA; + EUROPE.
- Focus**: Adaptation (345); Mitigation (283).
- Information Type**: Best Practices and Case Studies (230); Cost Information (24); Funding Sources and Investment Flows (42); Methodologies and Guides (131); Research and Development (137); Strategies and Policies (190); Technical Guidance (117); Technical and Market Potential (73); Technology Performance (74); Technology Service Providers (14).
- Format**: (no items listed).

The main content area displays search results for the first two items:

- Proyecto EcoAdapt**
Organization: CIRAD
Publication Date: 2012
Language: English
Description: The EcoAdapt project, funded by the European Union, promotes an integrated work between science and civil society for the benefit of the ecosystem and its inhabitants into three territories in Latin America. EcoAdapt hopes to show that scientists working together with civil society organizations (CSOs) can help design strategies with strong social and technical basis for adaptation to climate change.
Format: Website
- Blending Climate and Agriculture Finance to Support Climate-Smart Landscapes**
Organization: EcoAgriculture Partners
Publication Date: 2012
Language: English
Description: Agricultural landscapes must provide food, fiber and energy to a growing global population in a changing climate, while potentially serving as instruments for climate change mitigation. However, there is a disconnect between the ways that climate-smart landscapes will need to be managed and the current financing systems available to support them.
Format: Website
- Climate Change in The La Plata Basin**
Organization: Consejo Nacional de Investigaciones Cientificas y Tonicas (CONECIT)
Publication Date: 2012
Language: English
Description: The objective of this book is to raise awareness in the hydrologic community of the important changes that have occurred in the climate and hydrology of the La Plata basin during recent decades. In a context of global climate change and of great regional changes, the assumption that series of climatological and hydrological observations are stationary must be regarded with suspicion.
Format: Report
- Climate Services: A Tool for Adaptation to Climate Change in Latin America and the Caribbean**
Organization: Inter-American Development Bank

The items on the right will allow you to filter the resources down to what is most useful to you.

QUESTION: What categories are the most important for your searches? The categories are Sector, Region, Focus (Adaptation or Mitigation), Information Type and Format

Resource Database

The screenshot shows the CTCN website interface. At the top, there is a navigation bar with links for Home, About CTCN, Resource Database, Technical Assistance, Finance & Funding, Capacity Building, and News & Events. The main content area displays a search result for 'Climate Change in The La Plata Basin'. On the left side of the result, there is a box titled 'Additional Information' containing details about the author, organization, publication date, and license. Below this are sections for 'Social' (with LinkedIn, Twitter, Google+, and Facebook icons) and 'Tags' (with buttons for Best Practices and Case Studies, Research and Development, Adaptation, Western Europe, Mitigation, and Water). At the bottom of the page, there is a footer with contact information, a 'Stay Informed' section with a sign-up form, and logos for CTCN, UNEP, and UNIDO.

CTCN - Climate Technology Centre & Network

http://ctc-n.org

CTCN

Home About CTCN Resource Database Technical Assistance Finance & Funding Capacity Building News & Events

Resource Database

Back to Results List

Additional Information

Author: Vicente Barros

Organization: Consejo Nacional de Investigaciones Científicas y Técnicas (CONECIT)

Publication Date: 2006

License: License not specified

Social

LinkedIn Twitter Google+ Facebook

Tags

Best Practices and Case Studies

Research and Development Adaptation

Western Europe Mitigation Water

Climate Change in The La Plata Basin

The objective of this book is to raise awareness in the hydrologic community of the important changes that have occurred in the climate and hydrology of the La Plata basin during recent decades. In a context of global climate change and of great regional changes, the assumption that series of climatological and hydrological observations are stationary must be regarded with suspicion. This book therefore presents an overview of the few available techniques for assessing future climate and hydrology.

Reports

Preview Go to Resource

The Climate Technology Centre and Network is led by the [United Nations Environment Programme \(UNEP\)](#) together with [United Nations Industrial Development Organization \(UNIDO\)](#) and supported by 11 centres of excellence from both developed and developing countries.

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CTCN UNEP UNIDO

Additional Information

Author: Vicente Barros

Organization: Consejo Nacional de Investigaciones Científicas y Técnicas (CONECIT)

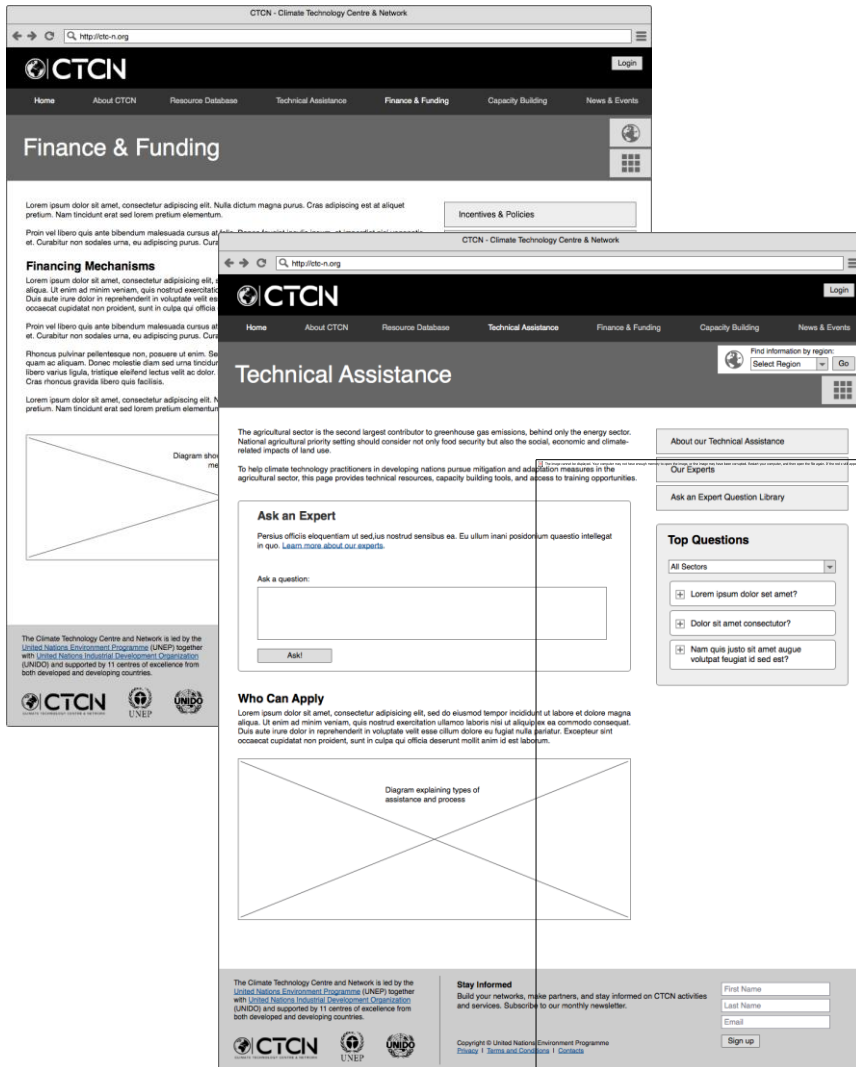
Publication Date: 2006

License: License not specified

We have pulled out information that you might find useful at a glance when you select an item from the search, including Author, Organization, Publication Date, and License.

QUESTION: Is there other information you would like to see to help you decide if a particular record might be useful to you?

Other Pages



Other sections the site will have include information on CTCN Finance and Funding, Technical Assistance, and Capacity Building. NDEs will be able to login for access to forms, to view their request status, to network with peers, and more.

QUESTION: Aside from the resource database, what information would be most helpful to you?