

Collaborative and **C**oordinated **S**hared & **S**tructured **S**pace based **P**artnership for DRR



*To Address the Key Challenges of Converting Emerging Technologies
into
Usable Tools, Techniques, and Practices
Through Country –Region Specific “Pilot Project Demonstrations” –
PPD’s*

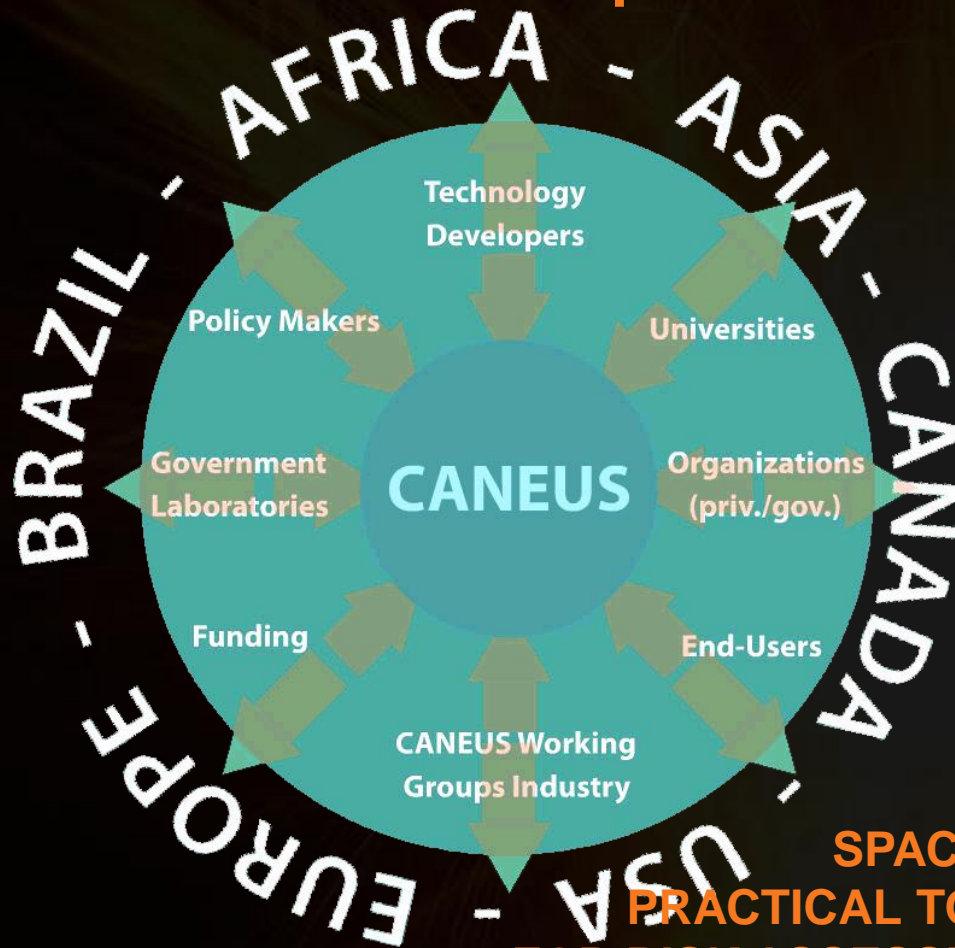
In Support of

**Global Platform for Disaster Risk Reduction
Fourth Session, Geneva, Switzerland
May 19-23, 2013**

**Milind Pimprikar
Chairman
CANEUS International**

CANEUS Global Network
Sole Purpose:
Enable Productive Global Partnerships

Partnership Objective: To Leverage Complementary Competencies to Address Common Societal Needs



SPACE-BASED PRACTICAL TOOLS & METHODS FOR RISK ASSESSMENT AND REDUCTION



Major Achievements and Outcome



CANEUS-Shared Satellites

CSSP (Collective Security, Safety, and Prosperity)

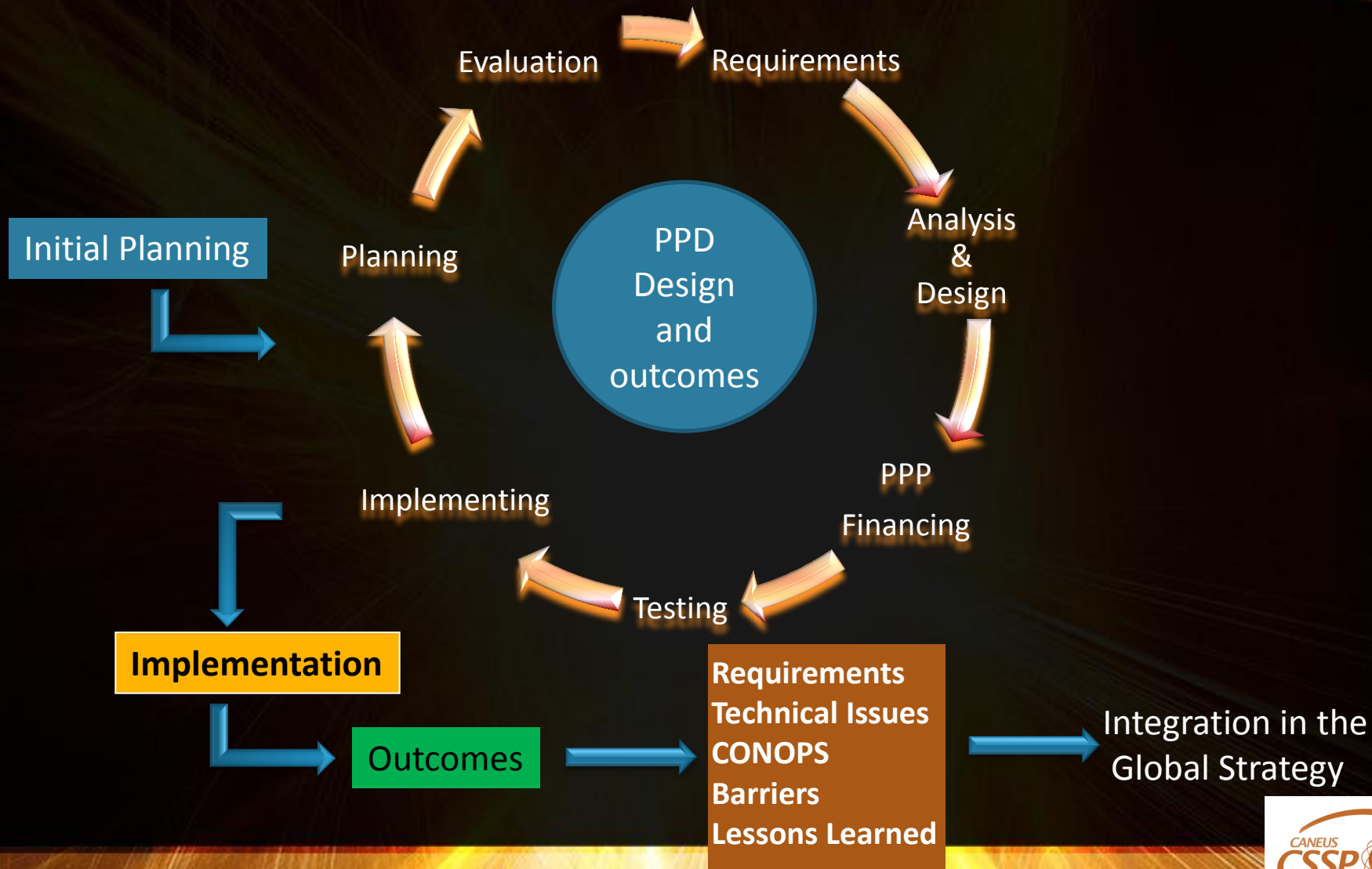
PILOPT PROJECT DEMONSTRATIONS

Completed and Ongoing and Activities

Pilot projects were undertaken at national and international levels to map the risk assessment and requirements for satellite technology, advocating for greater use and capacity building, and promoting processes for international validation, standardisation and dissemination of suitable methods and practices, consistent with UNISDR strategy.

CSSP objective is to demonstrate the benefits of sharing assets (Space, ground segment infrastructure, data products, etc.) in a multi-country, multi-sector and multisystem environment to support the activities of any given country to use the data to support their disaster reduction needs.

CSSP Pilot Projects Design



Future Goals and Contribution to Post HFA-2013

1. Lessons learned from CANEUS CSP provide a collaborative environment that can be used to identify issues related to such operational environment and identify solutions to resolve these problems based on “needs analysis” and how the emerging space technology based tools and resources can “bridge the gaps”.
2. Identify the issues to scale-up the pilot projects involving a larger number of countries and the barriers to prepare the foundation for UNISDR collaborating centre for shared space technology as a multi-disciplinary and multi-sector approach to DRR.
3. Potential PPP based implementation framework, timelines, success criteria / assessment for coordination, standardization, and validation.

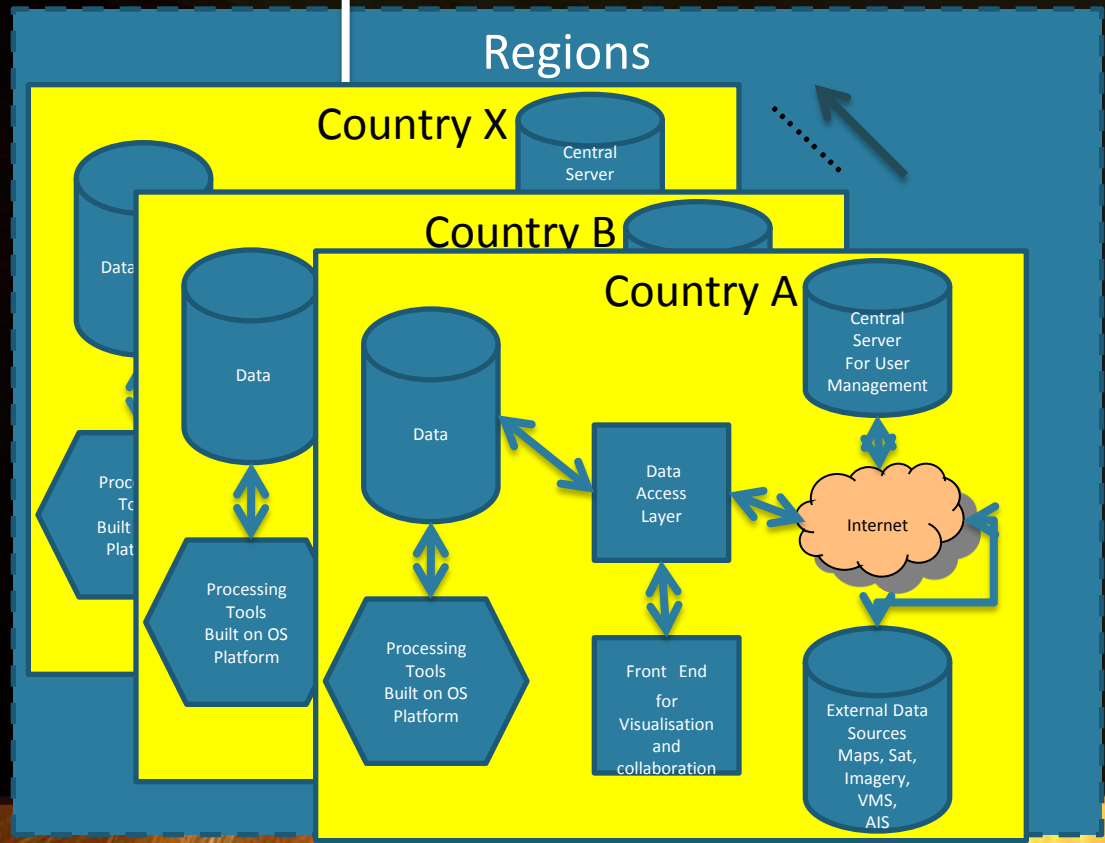
CSSP Global Collaboration Program

Global Configuration with Application to Country / Region

- Outcomes**
- Needs analysis
 - Technical issues
 - Financials
 - ConOps
 - Barriers

Level 1: Cross Issues, Disaster Monitoring Data acquisition and sharing
Level 2: Requirements
 Region Level
 Country Level
Level 3: Identification of Barriers

Horizontal issues:
 Data Access, Data Sharing, Data Distribution
 Cross requirements [Harvest the results of the LOD's]
Program Management:
 PPD Program [Specific countries, Representatives of the global requirements for the sharing of disaster data]
 Technical Issues
 Operational Issues (data)
 CONOPS (Country)



Project Demonstration support
 PPP



Possible Synergies and Overlaps with Other Networks and Needs for Cooperation

1. The CSSP Platform of the CANEUS network is particularly valuable for disaster risk reduction, as tools to overcome the weak incentives for cross-disciplinary, cross-institution collaboration within related organisations such as GEOS, SPIDER, amongst others.
2. Multi-national, multi-disciplinary shared emerging space-technology based tools and techniques promote cooperation, trust and interdependence for the mutual benefit of all stakeholders concerned with DRR.
3. Complementary skill sets and resources from across the networks are needed to rapidly and cost-effectively apply emerging technologies and methodologies to benefit the “have’s” and “have-nots” for addressing evolving disaster needs by leveraging resources from public-private sectors.
4. The ability to share information and resources enable international networks to foster collaboration and cooperation to enhance their capability.

Thank you!

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