



eHealth - The PANACeA for Asian Healthcare ?

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– PAN Asian Collaboration for evidence-based e-Health Adoption
and Application (PANACeA)



PANACeA

Session Objectives



- Background on PANACeA
- Project Objectives
- Plan and Methodology



PANACeA Roadmap



- Project Planning - PANACeA (2007-2010)
 - Collaborations for Evidence-Building
 - Implementation
 - Evaluation
 - PANACeA an IDRC funded project
- Assessment
 - Evaluating IDRC's Asian Activities



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IDRC - Assessment



- Rationale – ‘Value’ of IDRC’s e-Health investments
- Value of each project?
 - Yes – but very localized and limited in scope
 - Ranking on Low- High scale:
 - All projects were ranked as ‘low’, ‘low-medium’, or ‘medium’ for most of the 6 criteria
 - All received a ‘low’ ranking for ‘health benefits’
 - Many areas lacked forethought which jeopardized projects



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IDRC - Assessment



- Results

- Areas requiring attention:

- Themes

- Needs Assessment
 - Change Management
 - Evaluation and Outcomes
 - Sustainability
 - Dissemination
 - Knowledge Translation and Transfer

- Issues

- Application Software ('Open Source')
 - Application Focus (m-Health; GIS)
 - Local Capacity



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IDRC - Assessment



- **Regional thematic network? Yes.**
 - Focus, Stability, and Cohesive Direction.
- **Structuring? Support mechanisms needed.**
 - Development of local skill levels, solutions, and evidence base.
- **Result? Positive and aligned.**
 - Will inform and influence options, directions, and consequences in Asia.
- **Conclusion?**
 - An e-Health focused Regional Thematic Network is recommended.

“PANACeA (*PAN* Asian Collaborative for *e*vidence-based *e*-health *A*doption and *A*pplication)”



PANACeA

Study Questions



- Which eHealth applications and practices have had the most beneficial outcomes?
- What are the best ways for ensuring that beneficial outcomes can reach the population?
- What is the potential of using new pervasive technologies such as mobile phones / PDAs?
- What types of technologies / applications are best suited to help prepare for, or mitigate the effects of, disasters, pandemics and emerging and re-emerging diseases?



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General Objective



To undertake **collaborative research** that promotes **evidence-based adoption and application of technologically appropriate e-health solutions** within the Pan Asian (South Asia, East Asia and Southeast Asian) contexts.



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Specific Objectives



- To support a set of multi-country research activities to address the four core research questions.
- To create a theoretical model for evaluating good practice in eHealth programs in Asia.
- To build research capacity amongst Asian researchers to evaluate and adopt appropriate eHealth technologies and practices and influence policy and decision-makers.
- To disseminate research findings widely in the regional and international research communities.



PANACeA Scoping



- Selection of Countries based on Info Dev's e-Readiness assessment.
- Following criteria was also adopted:
 - Health sector experience
 - eHealth awareness
 - Framework responsiveness
 - Past technology developed/applied
 - Project management skills
 - Communication skills
 - Willingness to collaborate inter-jurisdictionally

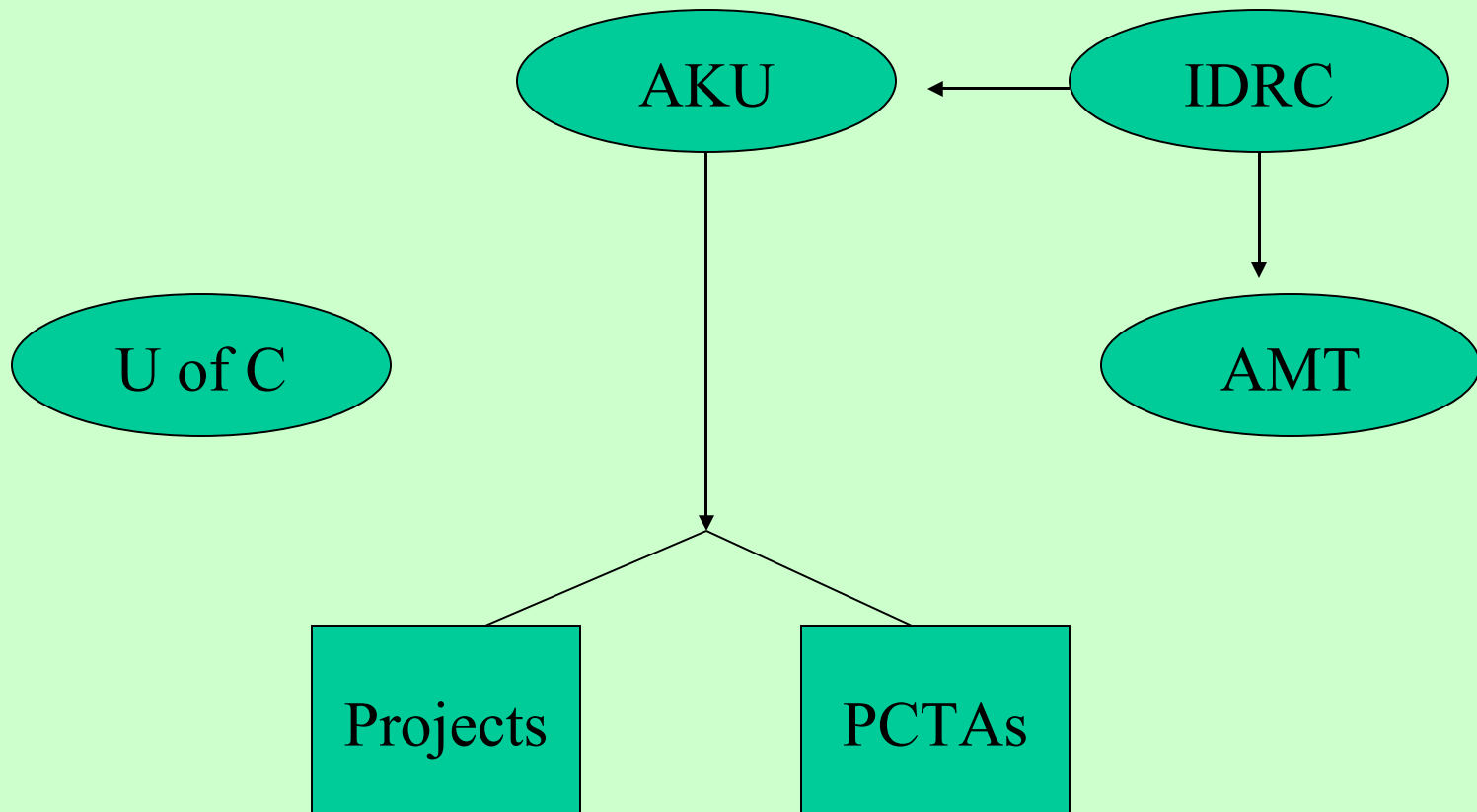


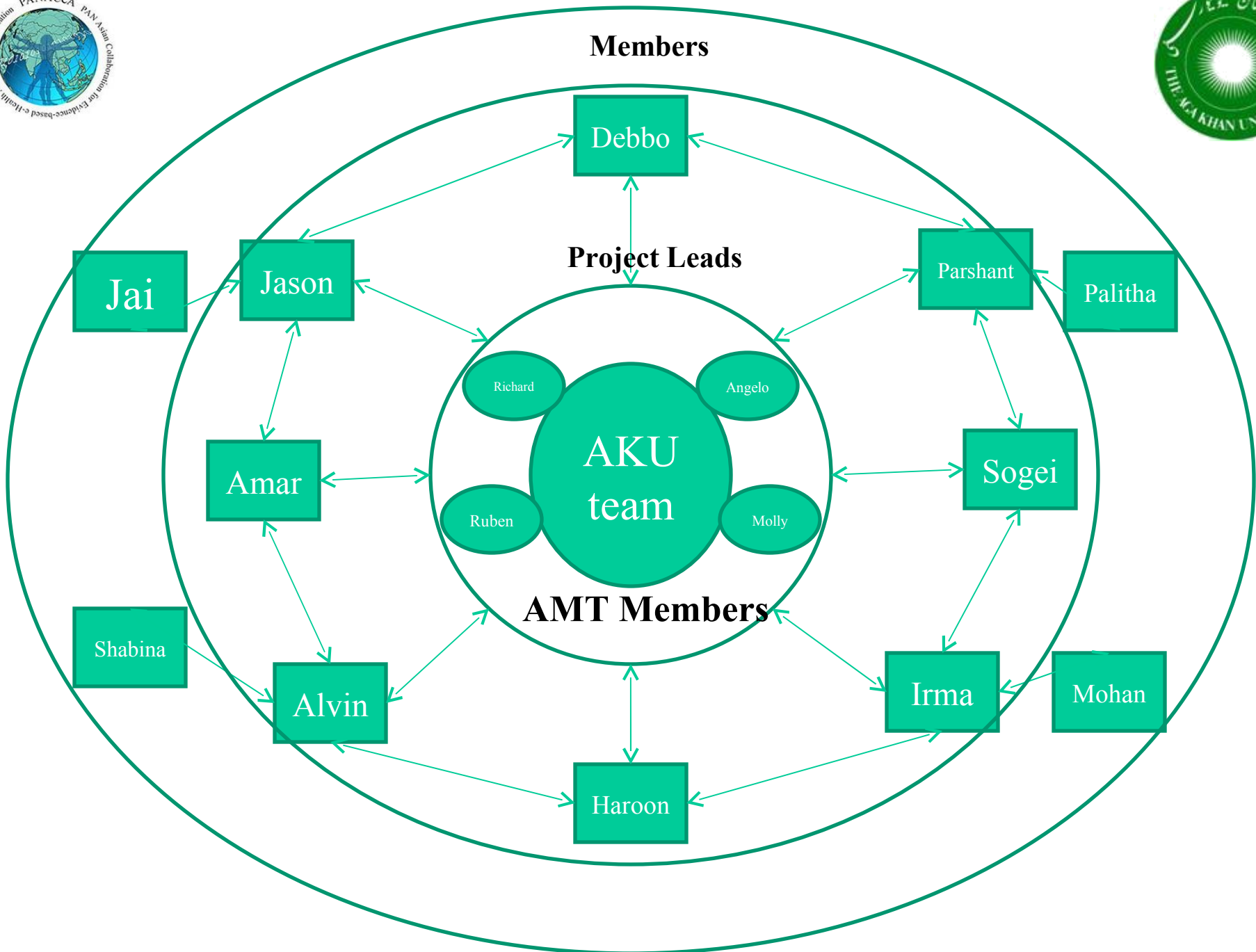
PANACeA Scoping

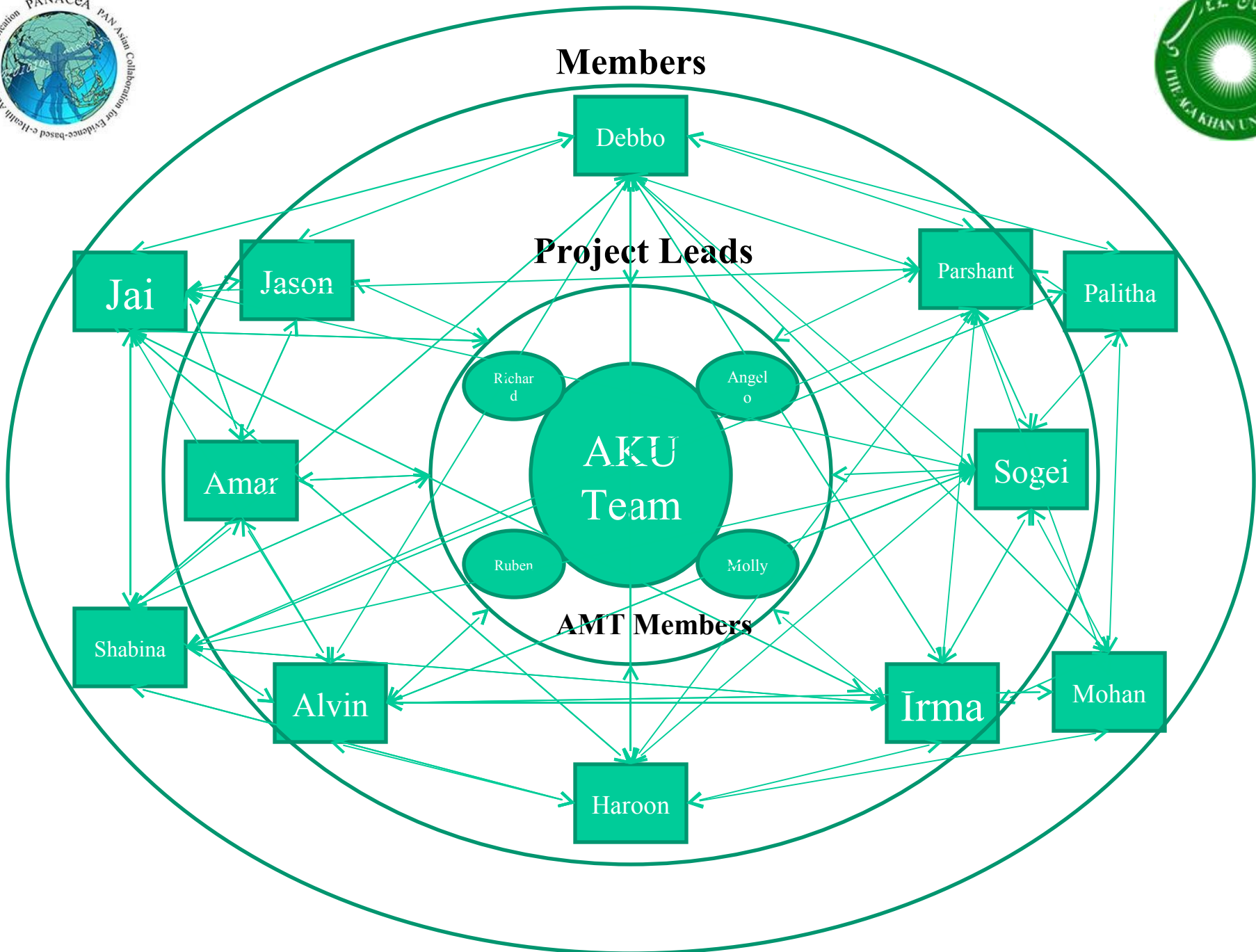


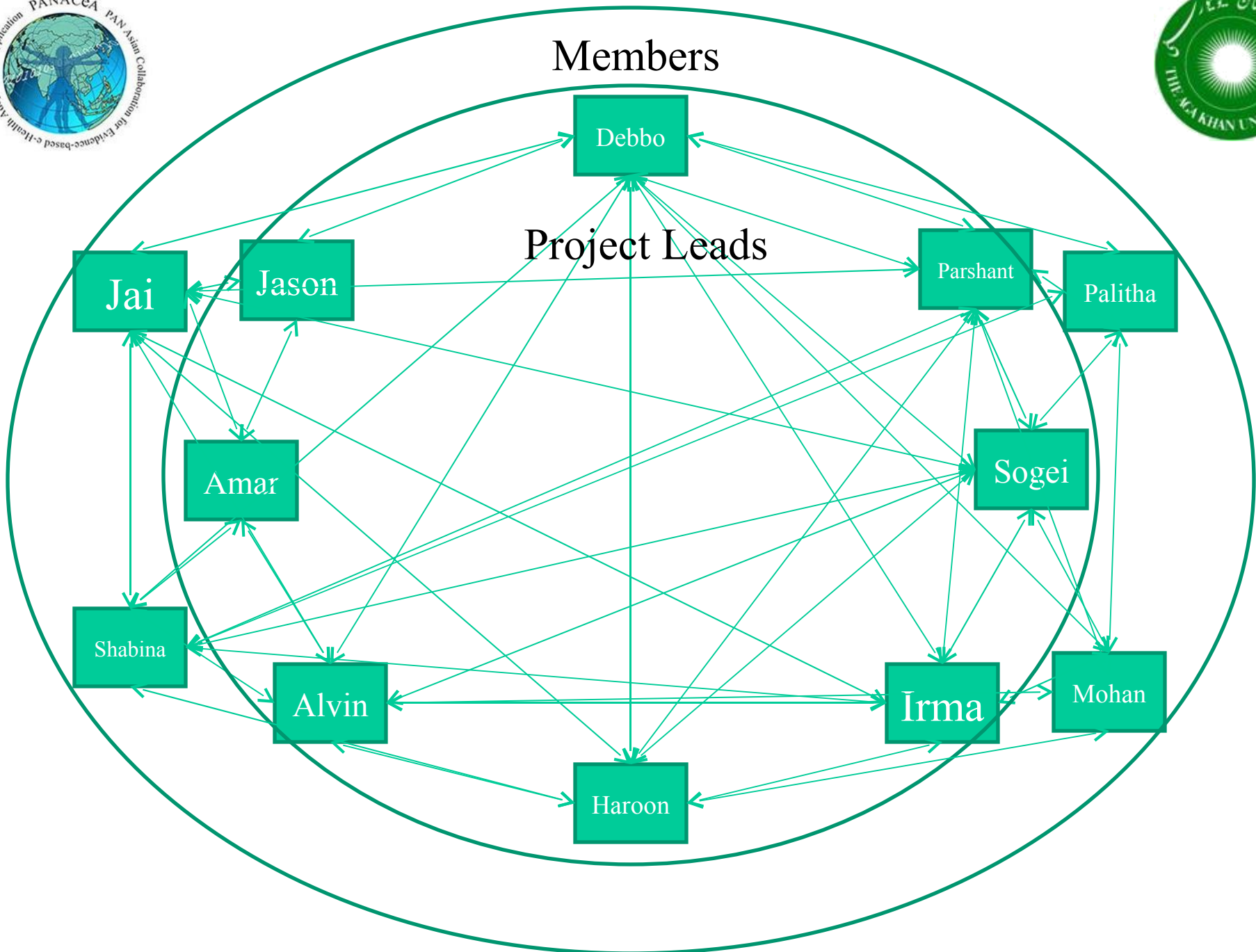


Administrative Structure



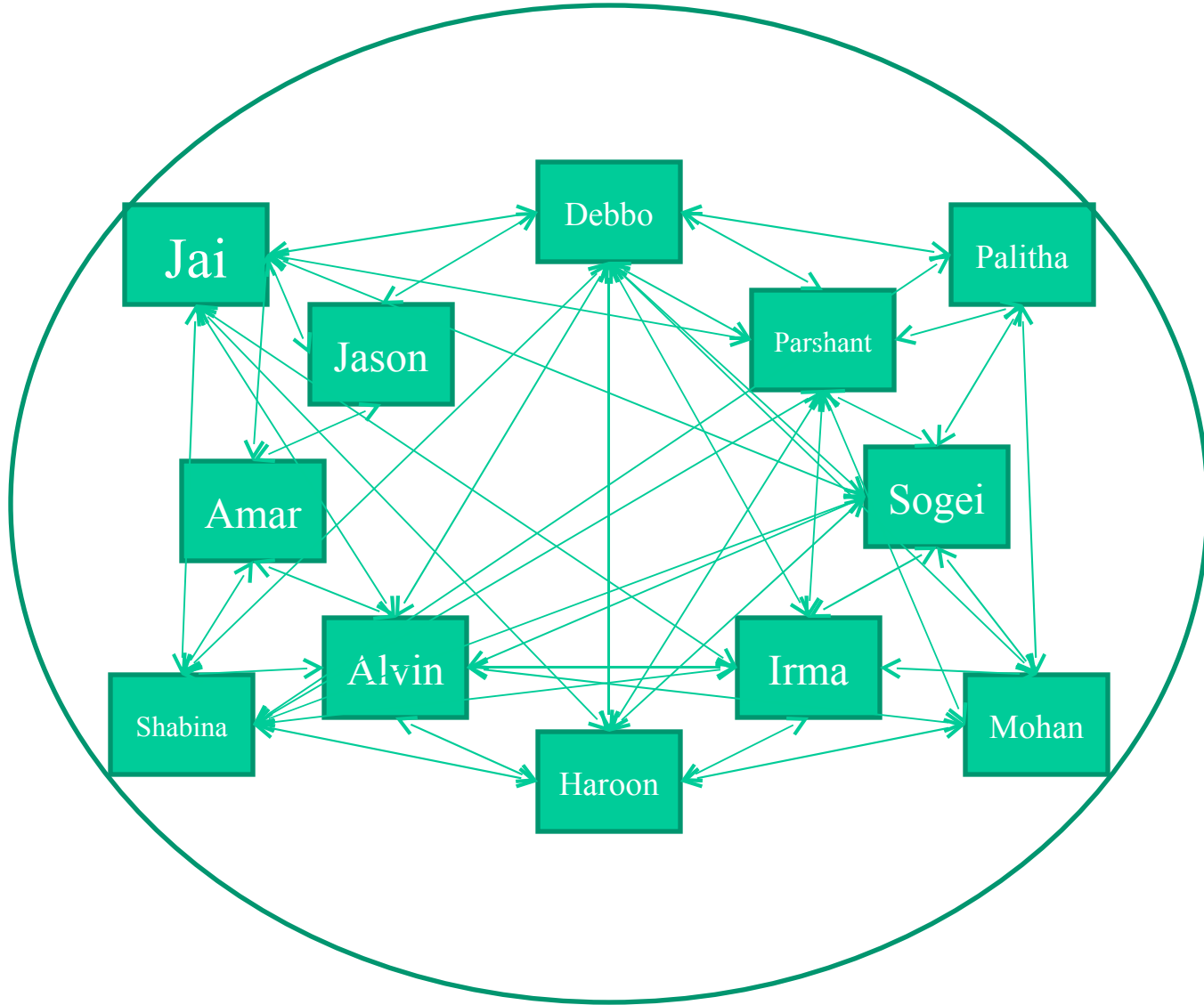






Members

Project Leads



Community of eHealth Researchers



PANACeA Team



Regional eHealth Research Network WORKSHOP

JANUARY 30 - FEBRUARY 3, 2007
Holiday Inn Resort Clark Field, Philippines



Hosted by: Angeles University Foundation



Working Structure

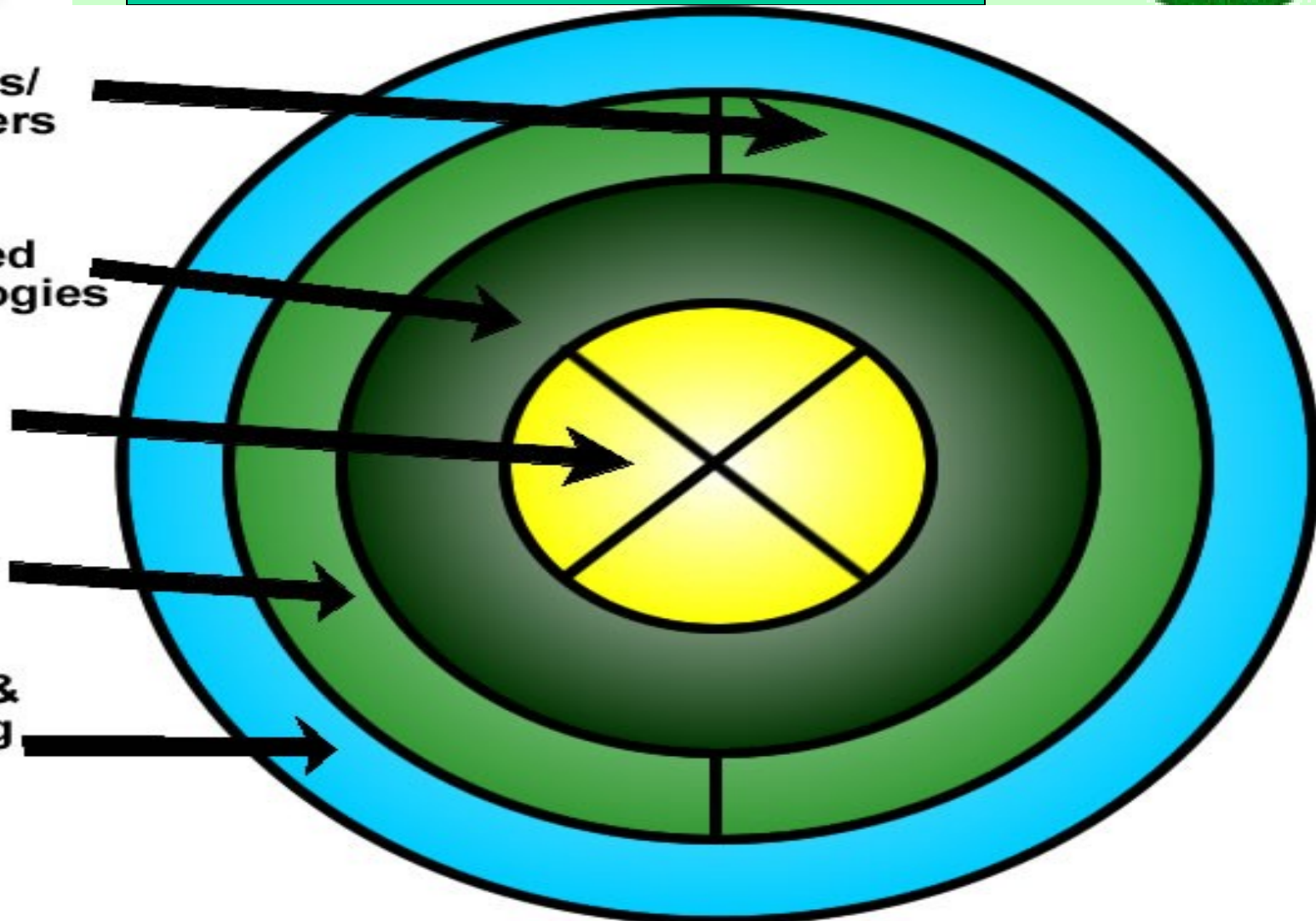
**Institutions/
Researchers**

**Established
Methodologies**

**e-Health
Initiatives**

Countries

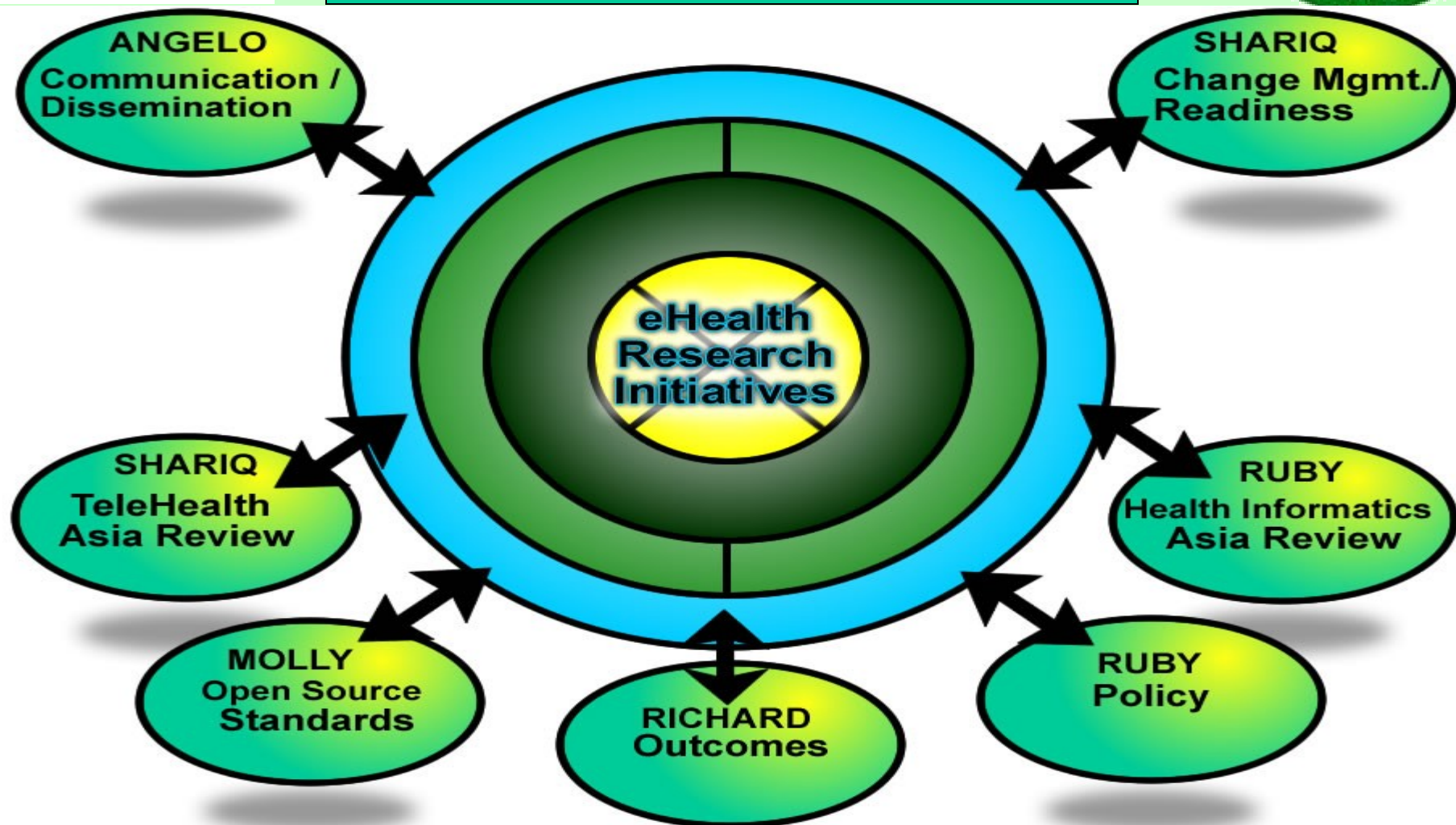
**Advisory &
Monitoring
Team**



Projects	Leading Country	Other partners
Economic Evaluation Framework Of Computerization In Hospitals	Pakistan	Philippines India, Afghanistan
Portable System for Telemedicine and Health Information in Rural and Remote Areas	Malaysia	Sri Lanka Nepal Afghanistan
Improving maternal health care services by using ICTs for remote consultation and education	Mongolia	Philippines
Development and implementation of eHealth Framework at Primary Health Care: Piloting in four Asian Countries	India	Pakistan Philippines Indonesia
Exploratory Intervention Research on eHealth for the Visually Challenged	Bangladesh	Philippines India
Online TB Diagnostic Committees for Clinically Suspect Sputum Negative Patients in the TB-DOTS Program	Philippines	Pakistan
A Systematic Review of Current ICT applications in Disasters: A potential for integrating TM	Indonesia	Philippines India
Community-based e-Health Promotion for Safe Motherhood: Linking Community Maternal Health Needs with Health Services System by mHealth	Philippines	Pakistan Indonesia



PCTAs





PANACeA

Marketing and Dissemination



- Wide variety of Stakeholders
- Methods for dissemination:
 - Promotional pamphlet
 - Workshops
 - Conference presentations
 - Website
 - Newspaper articles
 - Newsletters
 - Peer-reviewed Publications
 - Policy dialogues



PANACeA

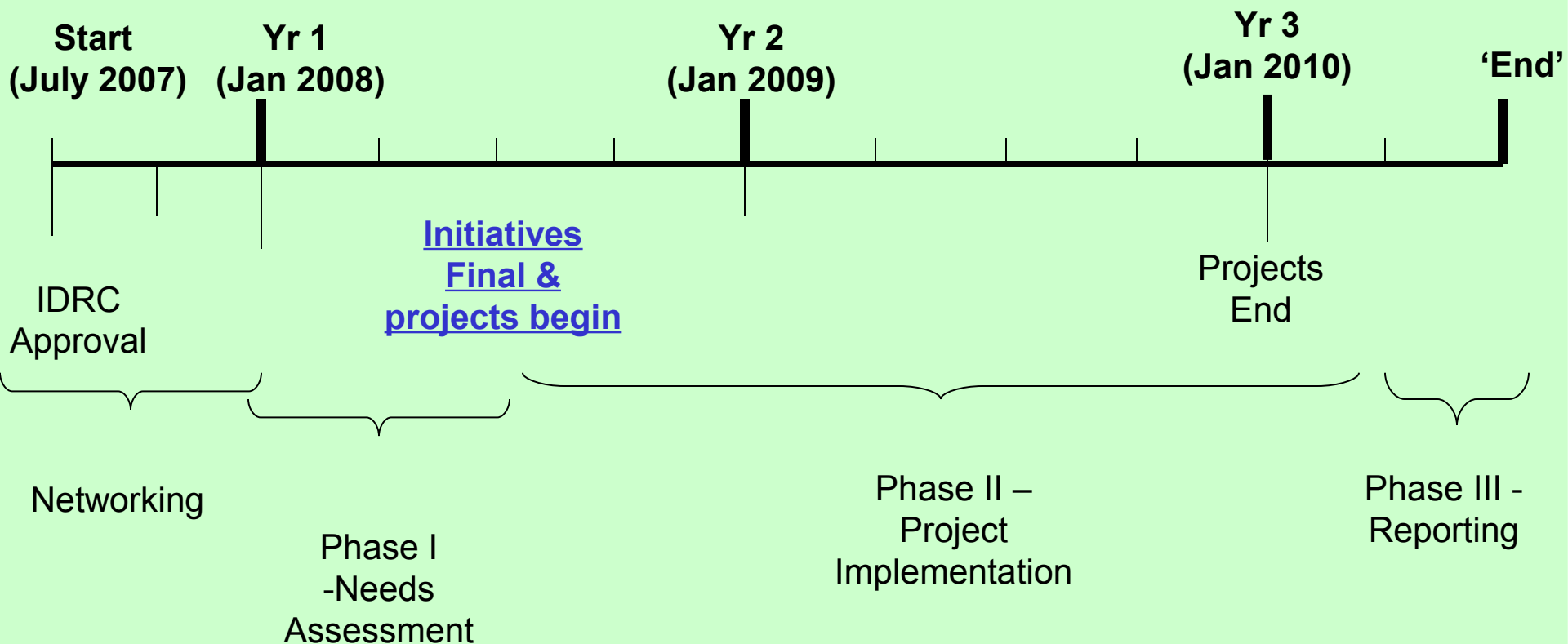
Project Plan



- Phase I: Needs-assessment and finalization of research proposals (6-10 months)
- Phase II: Implementation and supervision (20-24 months)
- Phase III: Reporting, Dissemination and Evaluation (6 months)



Timeline





PANACeA Evaluation



- Evaluation of the Network (Outcomes)
 - South-South and North-South collaboration
 - Generating evidence to support appropriate eHealth solutions
 - Capacity-building among Asian Researchers
 - Influence on policy and decision-makers
 - Dissemination of results to a broader regional and international audience
- Evaluation of the Contribution and Performance of the Projects



Acknowledgements

- IDRC
- eAsia
- All PANACeA partners

PANACeA 2.0?



Thank You

www.aku.edu/chs/panacea

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