

PRESENTATION ON DISSERTATION PROJECT

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TOPIC OF DISSERTATION

A study to learn the collaboration among the partner organizations involved in the project

ARCADE RSDH

(Asian Regional Capacity Development for Research on Social Determinants of Health)

CONTENT OF THE PRESENTATION

- Introduction
- Background
- Review of literature
- Rationale for the study
- Research question and Objectives
- Methodology
- Results
- Conclusion

INTRODUCTION

- Research capacity strengthening, an important factor for building a strong health system of any country
- LMIC's health system faces social and economic challenges, inequity in terms of accessibility to health care services, higher education (specifically in the field of health research)
- These condition of socio-economic inequity hold backs the ability to conduct, synthesize, manage, share, and apply research in the field of health
- The specific reasons for low output from LMICs are; shortages of local qualified researchers, less funding, poor infrastructure and lack of expertise academic writing

- A strong need for building research capacity in LMICs is there.
- International partnership and collaborative initiatives are the ways, which can help in realizing the real research carrying potential of these countries
- Many projects are run across LMIC, involving international partnership with developed countries
- positive effect of international collaboration on Research Capacity strengthening in LMICs
- A few has explored the pattern of collaborative practices, reason behind collaboration and the challenges faced during collaboration

- This study reflects the practice of partnership among the collaborating organizations of an international project ARCADE RSDH
- The study also highlights
 - the new emerging trends of collaboration,
 - various challenges faced by the participating organizations
 - Some interesting experiences shared by the collaborators

BACKGROUND

Over view of ARCADE

- Asian African Regional Capacity Development
- A four year duration project (2011-2015)
- Funded by European Commission 7th Framework Programme
- coordinated by Karolinska Institutet, Sweden.
- Involves 16 countries across Asia, Africa and Europe.
- The project main focus is on:
 - institutional capacity strengthening
 - doctoral and post doctoral training
 - administrative research management and network building



Fig 1: Map of ARCADE's Network

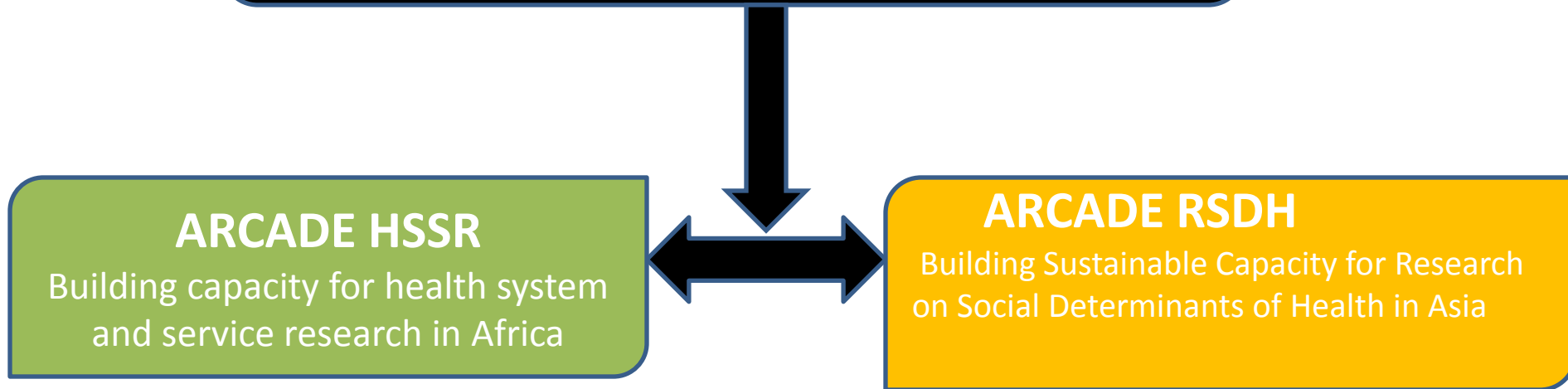


Figure 2: Explaining the division of the project ARCADE

ARCADE RSDH

Building sustainable Capacity in Health Research system in Asia

- ARCADE RSDH is an adaptation of ARCADE HSSR
- Started in Asia in the year 2011
- Addresses the need of research capacity strengthening with a special focus on Social Determinants of Health
- The project was developed in response to
 - Immense inequities in health in Asian context
 - The weak local health research capacity, especially in social determinants of health (SDH) research
- SDH, the conditions in which people are born, grow, live, work and age, including the health system, are the factors mostly responsible for health inequity

- Addresses the important structural issue in LMIC
 - Developing a sustainable research environment,
 - Building and strengthening the sphere of network of LMICs with other countries researcher.
- Use of various innovative technologies for enhancing the educational capacity
- Produce online courses
- Promotes blended learning modules and
- joint programmes, which enable training of researchers in LMIC, who might not otherwise have access to such material

S.No	Name of organization	Country	Short names of organizations
1	Karolinska Institutet	Sweden	KI
2	Huazhong University of Science and Technology	China	TJMC
3	CBCI Society of Medical Education	India	SJNAHS
4	Institute of Development Studies	United Kingdom	IDS
5	Beijing Normal University	China	BNU
6	Indian Institute of Health Management Research	India	IIHMR
7	University of Tampere	Finland	UTA
8	Zhejiang University	China	ZJU
9	Ujjain Charitable Trust Hospital and Research Centre	India	RDGMC
10	Sultan Qaboos University	Oman	SQU
11	Hanoi Medical University	Vietnam	HMU
12	Stellenbosch University	South Africa	SU

Table 1: List of the partner organizations in ARCADE RSDH

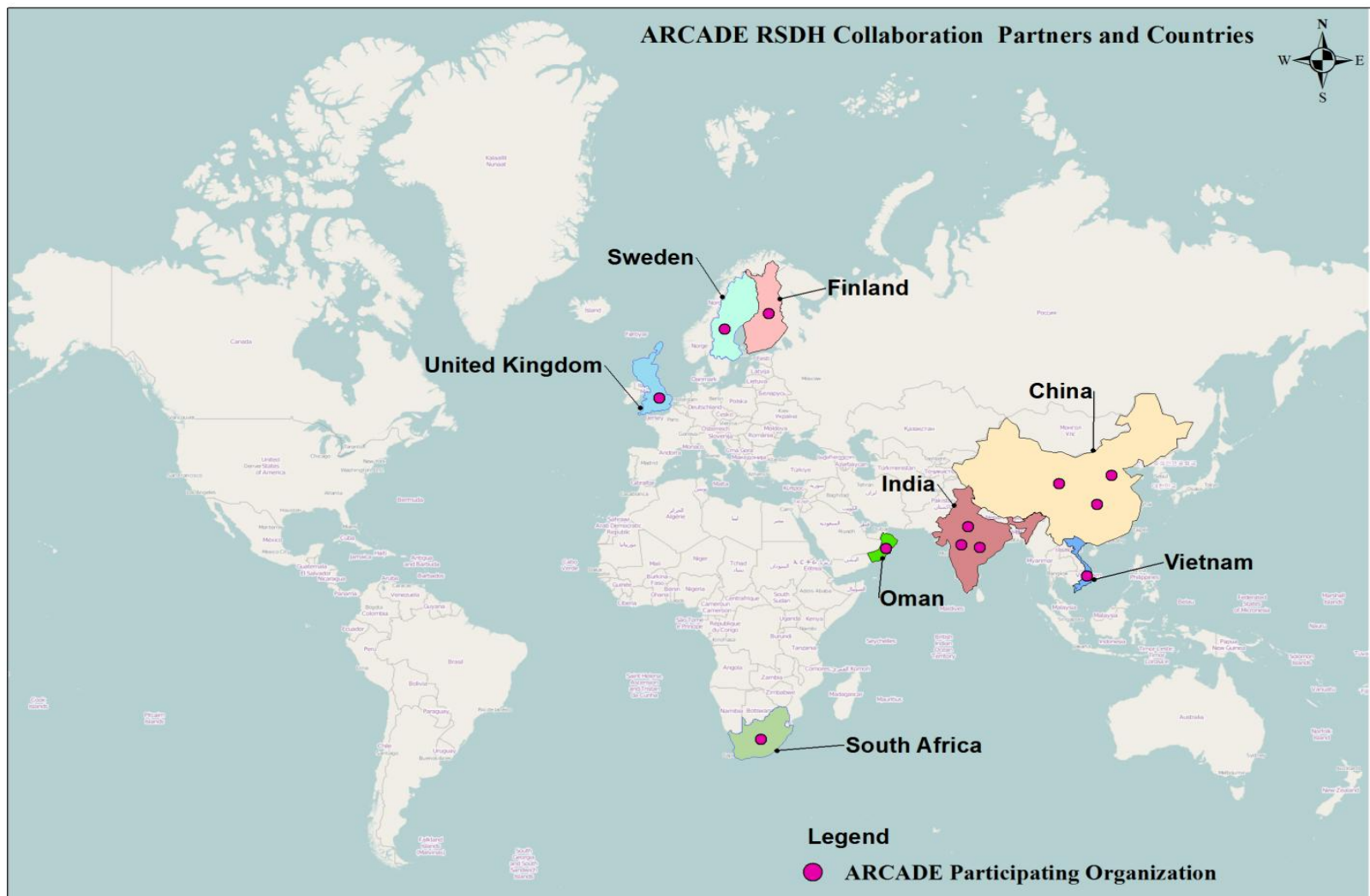


Fig: 4 Map showing the ARCADE RSDH network

STRUCTURE OF ARCADE RSDH

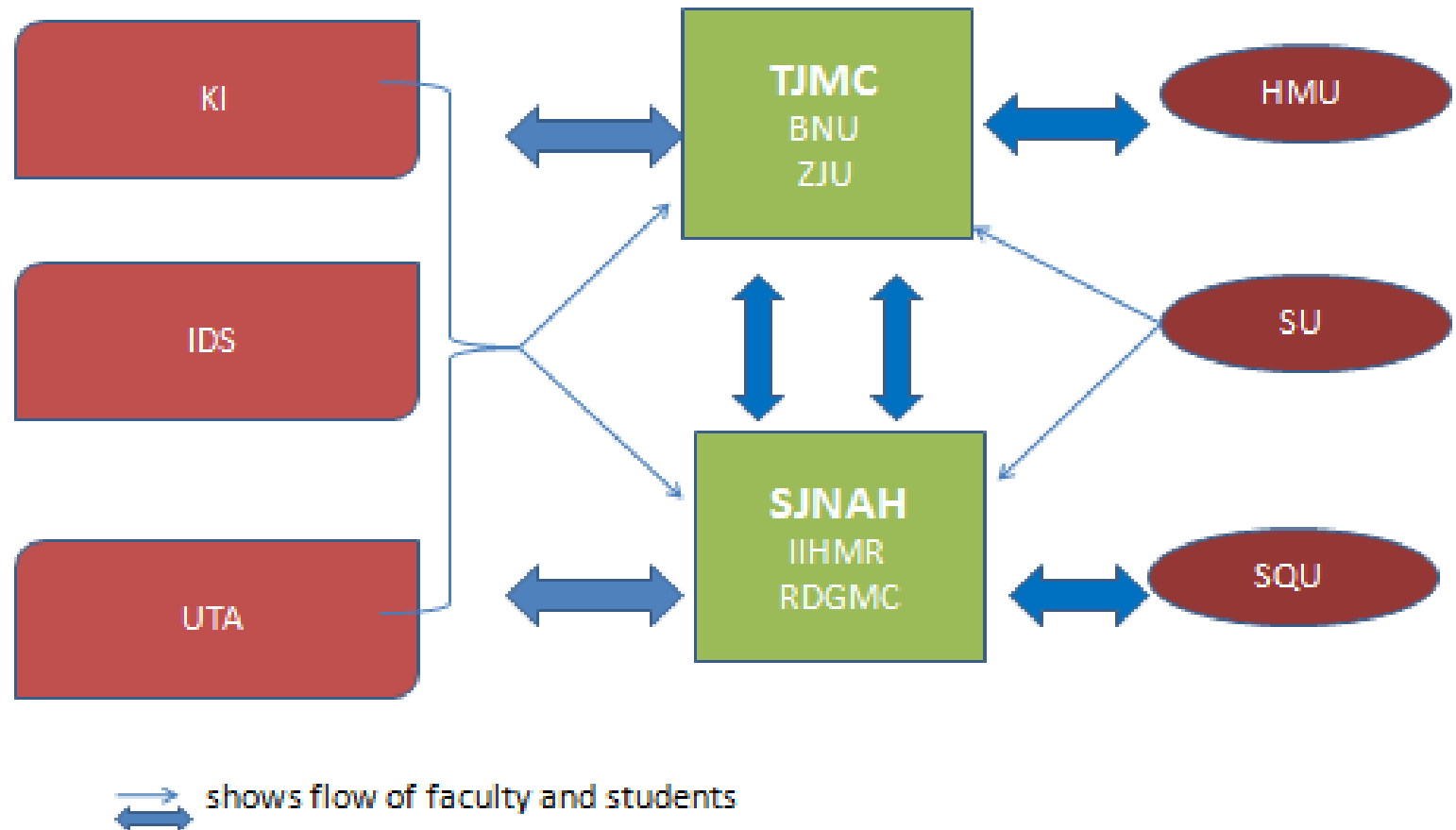


Fig: 5 structure of ARCADE RSDH

REVIEW OF LITERATURE

- As per a study, “*Building multisectoral partnership for population health and health equity*” (Stephen Fawcett *et.al*, 2010) ,poor performance of programmes addressing public health of many countries are due to lack of shared responsibilities among the partner countries
- It also considers challenges of engaging partner countries at multiple ecologic levels in building collaborative partnerships for population health
- It finally concludes with recommendations for strengthening collaborative partnerships for population health and health equity

- Another study *Changing mindsets: Research capacity strengthening in LMIC, 2008*, shows several practical approaches are there in which Research Capacity Strengthening can be systematic operationalized in ways that build on the existing strengths of researchers and institutions in LMICs
- One of the topics of emphasis is strengthening collaboration among the partner countries

Rationale for the study

- India being a middle income country is involved in many international collaborative projects with other (developed countries) countries
- For achieving the desired outcomes of these projects an effective collaboration among various partners is much needed
- Many studies has been carried showing the effectiveness of strengthening ,Health Research System and capacity building in this field resulting in improved health related outcomes
- A few studies are done showing the implementation and process of collaboration among various partners in these projects
- Hence this study is carried to learn how the collaboration between partner countries is done and what are the qualities of this kind of collaboration and challenges faced during the entire procedure

Research Question

What is the collaboration process among the partner organization in the project ARCADE RSDH?

(Asian Regional Capacity Development For Research on Social Determinants of Health)

OBJECTIVES

Objective:

To study in detail the process of the collaboration among 12 partner organizations involved in the project ARCADE RSDH (Asian Regional Capacity Development Research on Social Determinants of Health)

Specific objectives

- To study the different phases of collaboration involved in the entire process
- To identify salient features of this type of collaboration
- To study the barriers while communicating between these partner organizations and other challenges in the process of collaboration
- To identify measures to overcome these barriers

METHODOLOGY

Type of study: Cross-sectional analytical study

Study Duration: February 15th to May 5th, 2014
(11 weeks)

Study Area: Study was done in R D Gardi
Medical College

Type of data: primary and secondary data

Sampling technique: Purposive sampling was
done

METHODOLOGY

Data collection tool: Semi structured topic guide

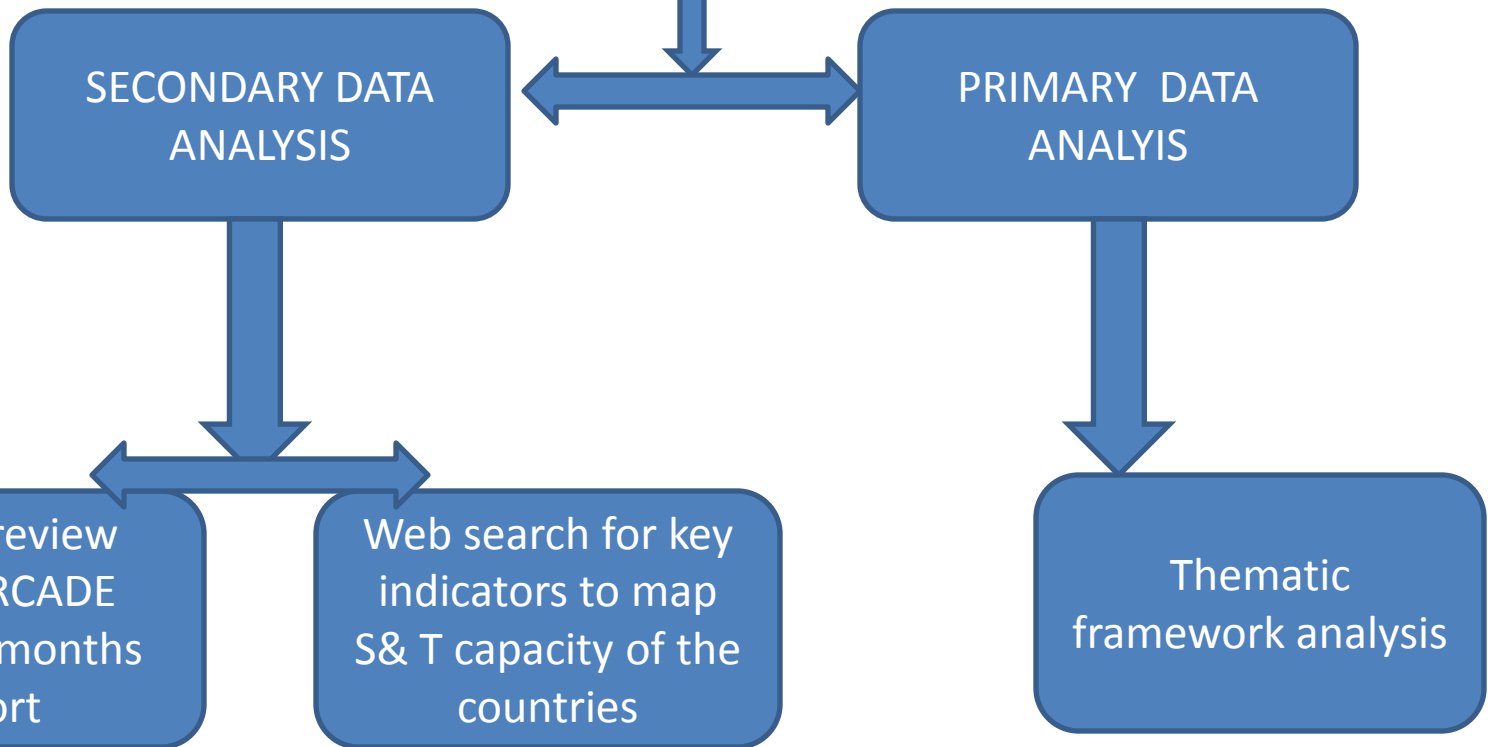
Data collection technique: online interviews

Study sample: All twelve PI from and concerned staff of partner organizations

Source of data: data collected from the online interviews and record review of ARCADE RSDH Report

METHODOLOGY

DATA ANALYSIS



THEMATIC FRAMEWORK ANALYSIS

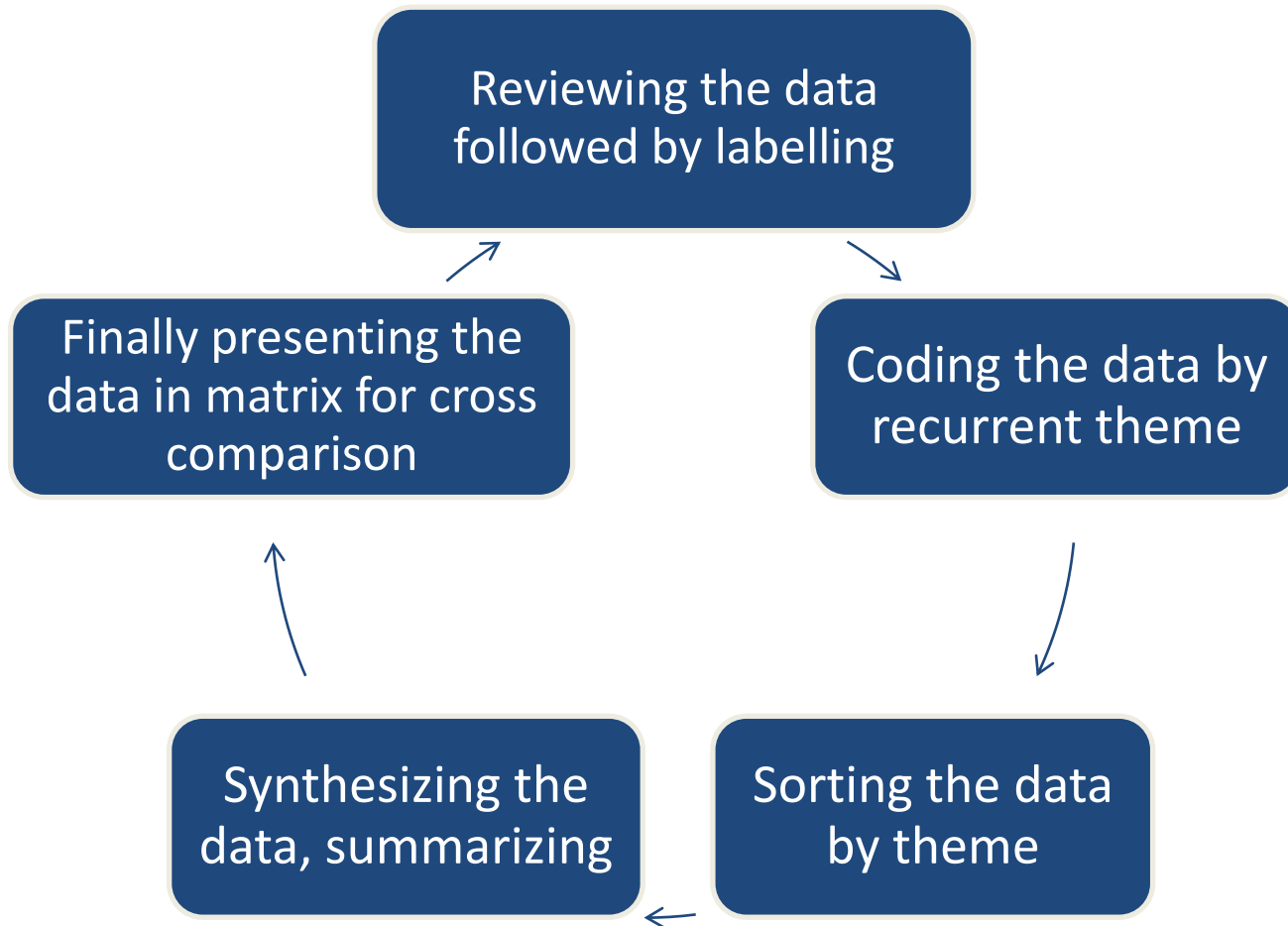


Fig: 6 Steps involved in Thematic Framework Analysis

SECONDARY ANALYSIS RESULT

Countries Name	Research and development expenditure (billions of US\$ (2013))	% of GDP Spent on research activities (2013)	Researchers in R&D (per million people) (2011)	No.of Scientific publication (2011)	No. of patents (2013)
United Kingdom	38.4	1.7	4202	46,035	15,370
Sweden	--	3.37	5191	9473	2288
China	--	1.84	963	89894	535313
India	36.1	0.9	561	22,481	9553
Oman	.44	.7	235	144	---
Vietnam	0.52	0.19	---	432	382
South Africa	3.7	0.7	410	3125	608
Finland	6.3	3.1	7423	4878	1698

Table 2 : Key indicators for research capacity, listed for the partner organizations

Result of ARCADE RSDH 18 monthly report

- Most of the collaboration is between the European nations and the Asian countries
- collaboration between Asian-Asian countries is very less.
- Participation from the side of small partner country organization is also seen but either with the hub institutes or the European countries.
- Not a single collaboration was seen between the two small partner organizations from Asia.

PRIMARY ANALYSIS RESULT

Seven Themes emerged after doing the thematic framework analysis of the collected data with the help of interviews:

- Goal of the project
- Process of the collaboration
- Pattern of collaboration
- Methods of communication
- Challenges in communication
- Mapping the technical/scientific enhancement
- Perceived shortcomings and solutions

THEMES	Important conclusion
Theme 1 Perception regarding the project	•Most of the institute have similar perception regarding the project •Most of them saw the project as mean of enhancing research capacity with special focus on RSDH
Theme 2 Collaboration process	•Previous working relation, criteria for collaboration for most •Presence of expertise and availability of resources in other institute •Similar interest was the motivation for collaboration for many •Coordinating institute prefer university and private institute over government organization
Theme 3 Collaboration pattern	•European- European institute and European Asian institute have active collaboration •Asian – Asian collaboration was seen less •Collaboration among partners with in the country is also less , specially between small partners

Table 3 : Enlisting conclusion of the theme 1, 2 and 3

Theme 4 Communication Method	•Email, Skype, Gotomeeting, website update, annual workshops and meetings •Communication is done through channel of hub institute •Variable / mixed response is there from the partners •Load of work, many activities to be tracked, lack of interest, structure of the consortium are some of the challenges in communication
Theme 5 Barrier/ Challenges in collaboration	•Infrastructure is one big problem •Time and language are other two main issues •Different legal structure of the institutes •Limited fund •Lack of interest
Theme 6 Increase in scientific and technical capacity	•No significant enhancement mapped, no indicators •The hub institutes have developed platform for delivering courses •Few small partner think they have enhanced their capacity in article/proposal writing •Difficult to tell in such short period of time
Theme 7 Perceived shortcomings and solutions	•Coordinating institute not able to bring out collaboration among Asian partners •More room to dig about partner's need •To motivate the partners and make them aware of the benefits of grant management.

Table :4 enlisting the conclusion of the theme 4 5 6 and 7

CONCLUSION

- Main criteria for the collaboration in ARCADE RSDH, previous work experience
- Actual need for collaboration is ignored, somehow defeating the goal of the project
- Common interest and presence of expertise
- Less participation shown by small partners
- Reasons are, lack of resource, different organization structure, lack of fund and interest

SUCCESS OF THE PROJECT

The project has its own positive features:

- Student getting expert comments on their proposal in their home institutes
- Online courses are hosted on the website
- Easily downloadable and accessible
- Opportunities like grant management workshops
- Assistance and guidance from experts and developed institutes

THANK YOU