




**Information Technology & Communications  
(ICT)**

*for*

**Sustainable Mountain Development**

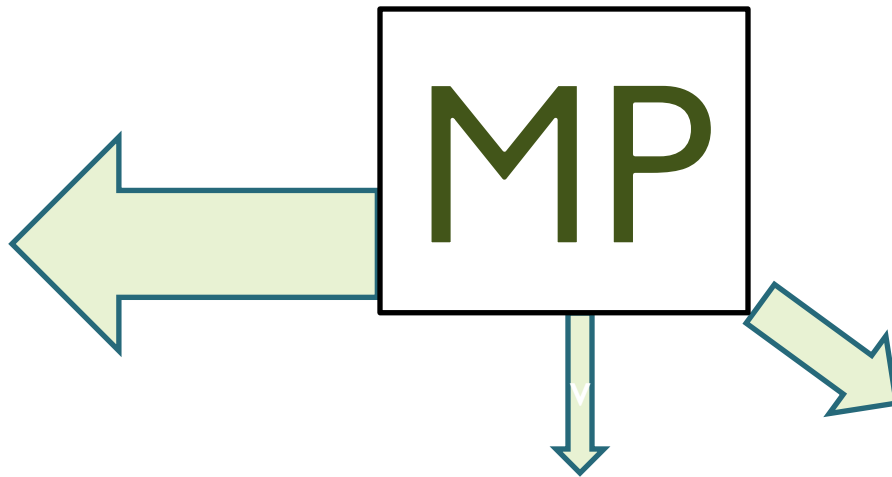
- 
1. Communication @ MPS
  2. Research work
  3. Big Data and opportunities for SMD

# Communications @ MPS

- What we do?
  - Products & Services:
    - **News**
    - **Events**
    - **Videos**
    - **Photography**
    - **Publications**
    - **Policy briefs**
    - **Brochures etc**

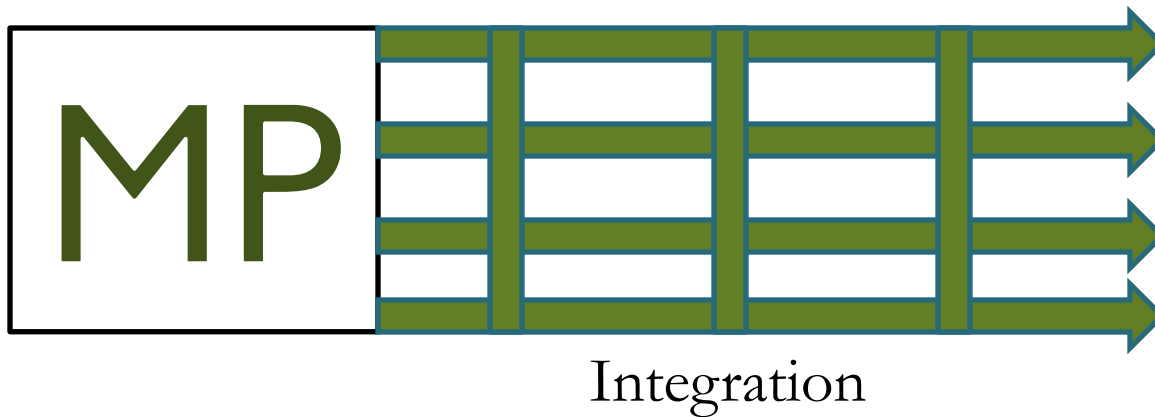
# Communications @ MPS

- How we do communications:
  - Old approach :



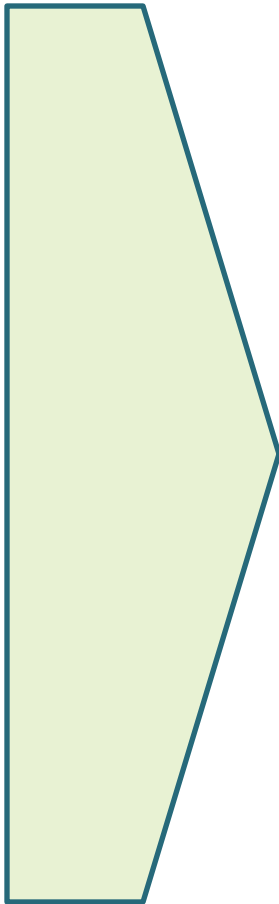
# Communications @ MPS

- How we do communications:
  - New approach :

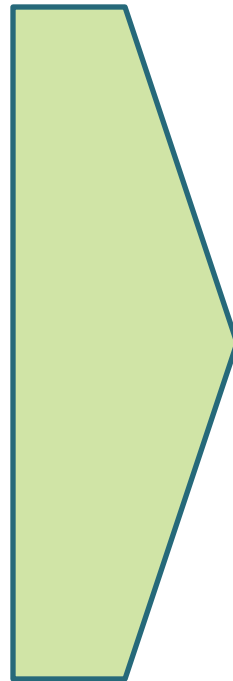


# Editorial process @ MPS

MP members



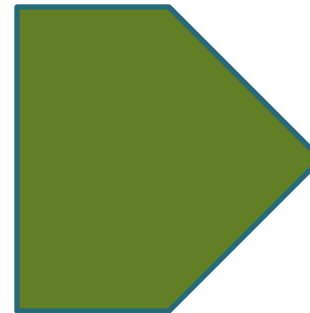
Development  
News



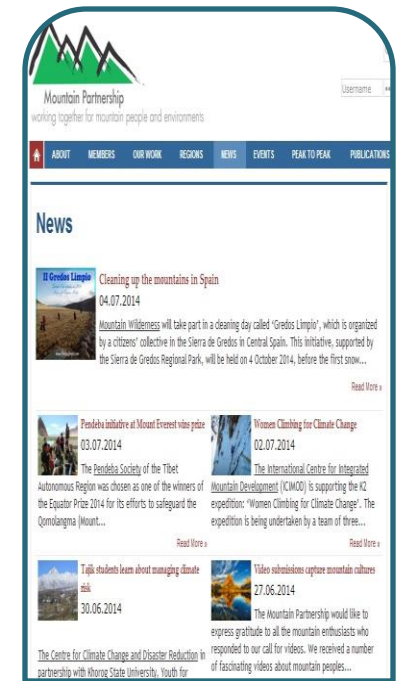
Sustainable  
Development  
News



SMD  
News



In-  
house  
news



MP Web

# Research area

What happens when

**politics** meets *technology*

in **mountains**

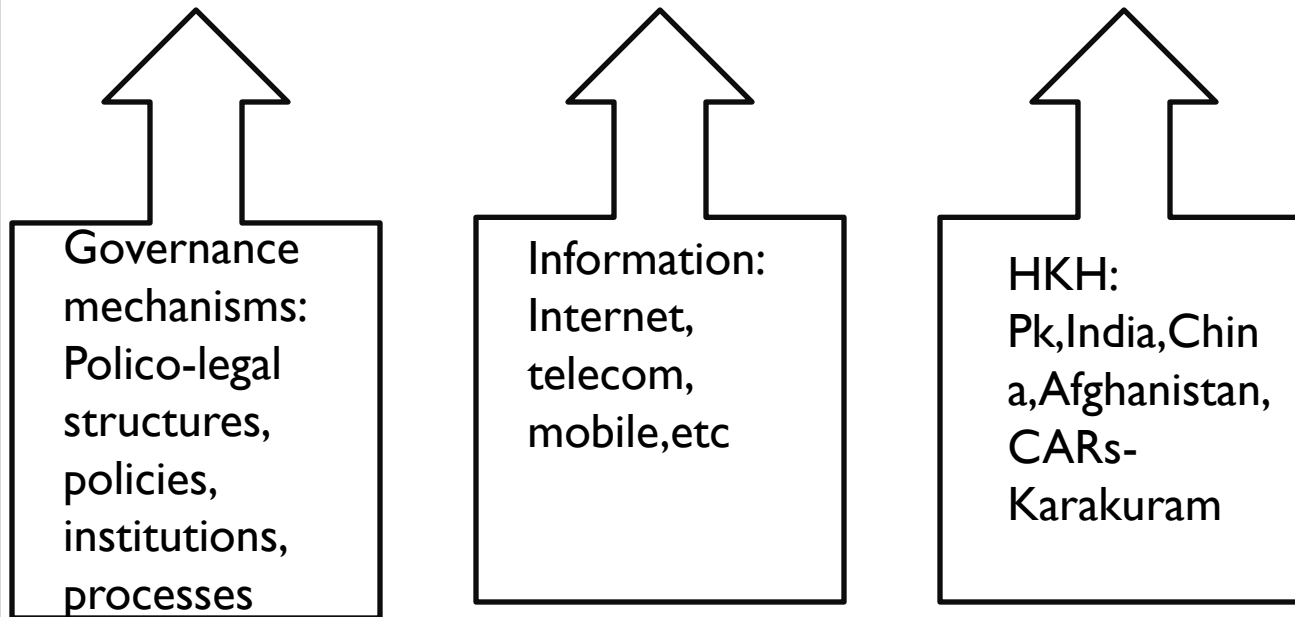




# Research focus

What happens when

**politics** meets **technology** in **mountains**





# Geographical focus

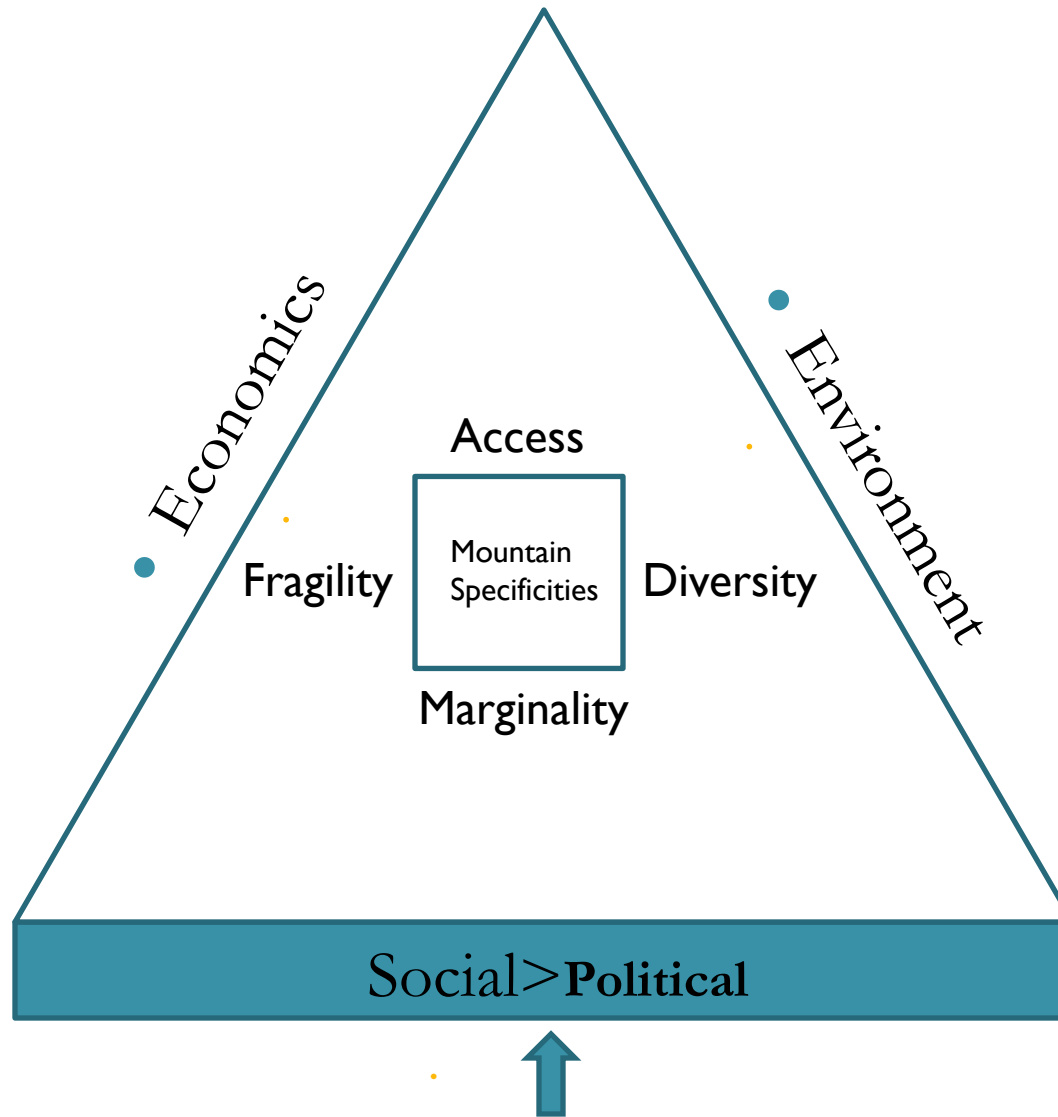


# Geographical focus



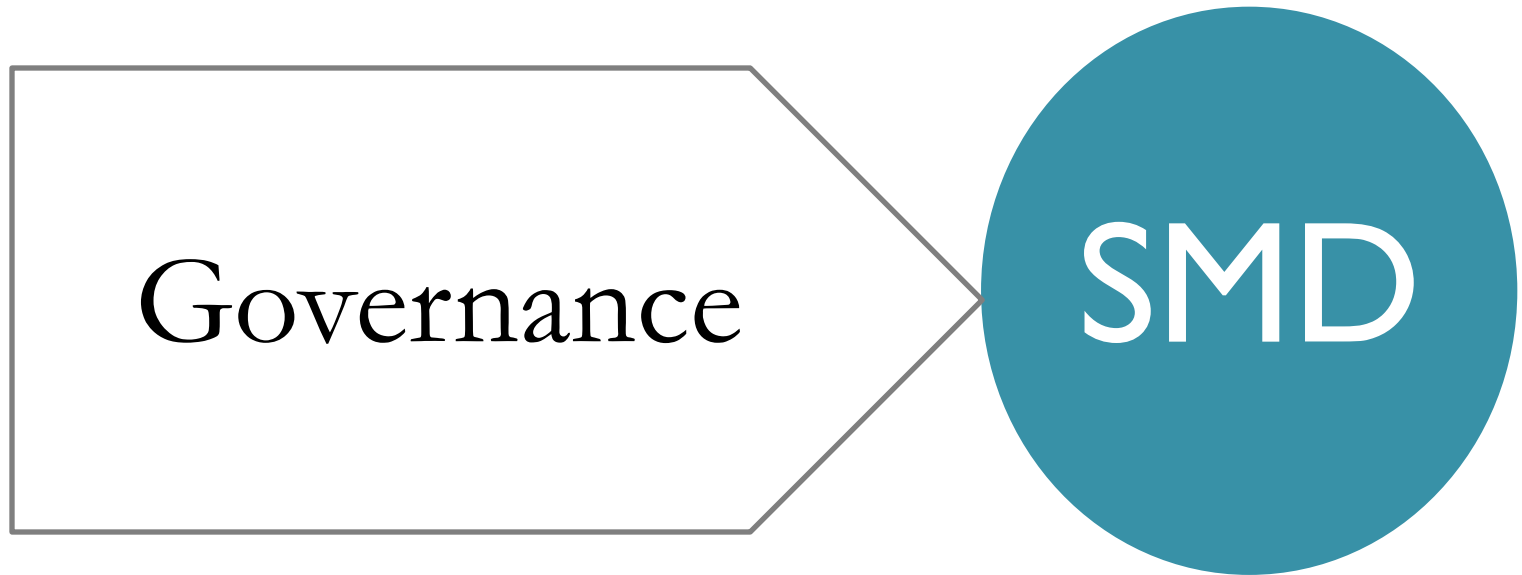
- Political Economy approach:

Political economy of (sustainable) mountain development

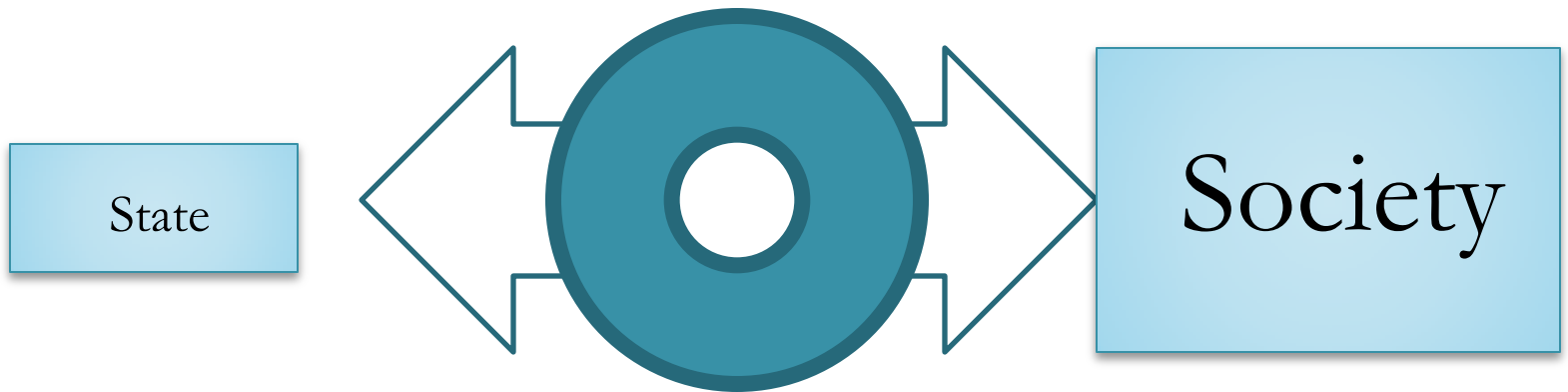


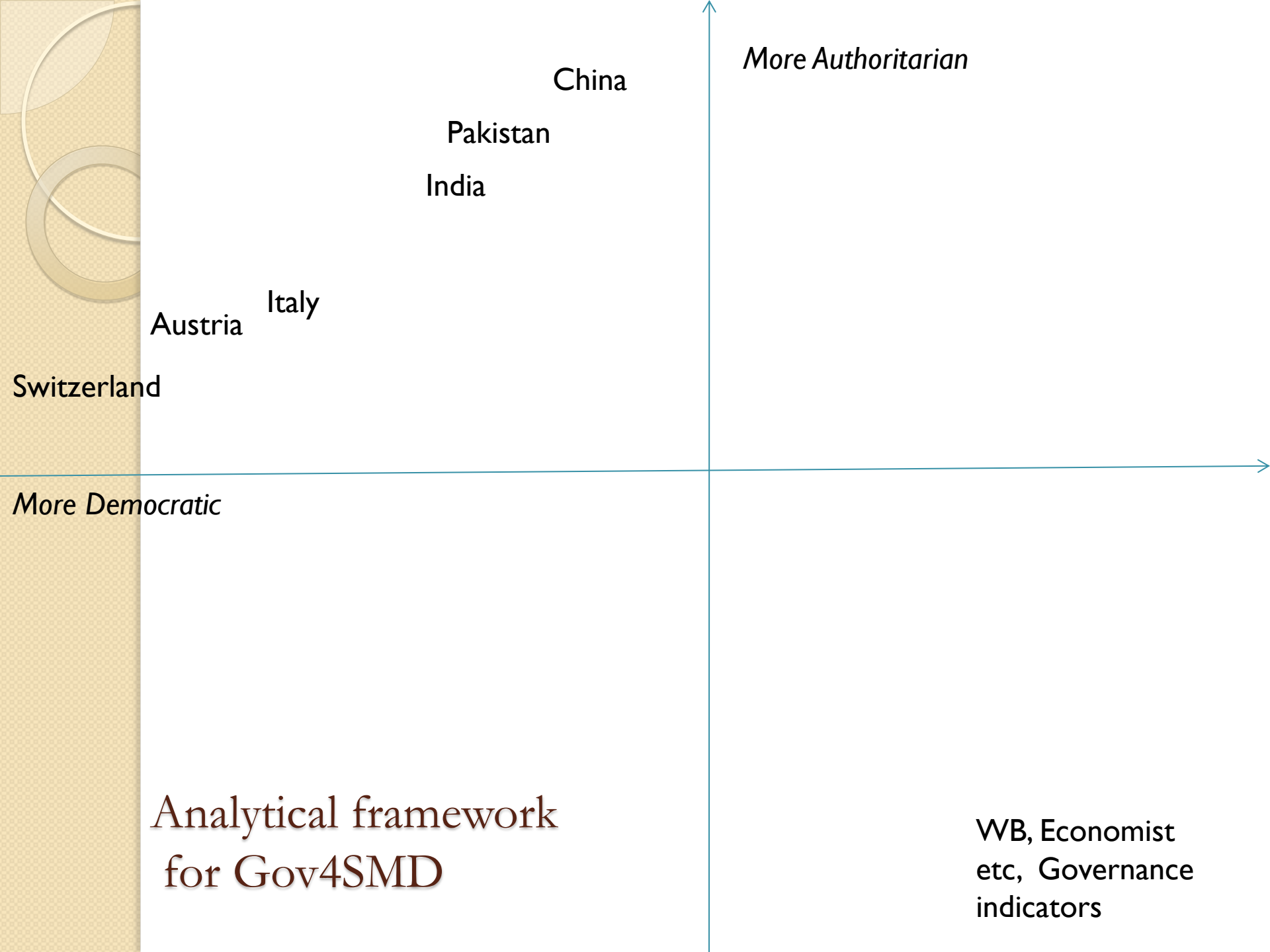
Gov + IT + SMD

Conventional modes of Governance  
States ->>>> Mountain Peoples



# Analytical framework for Gov4SMD





*More Authoritarian*

China

Pakistan

India

Italy

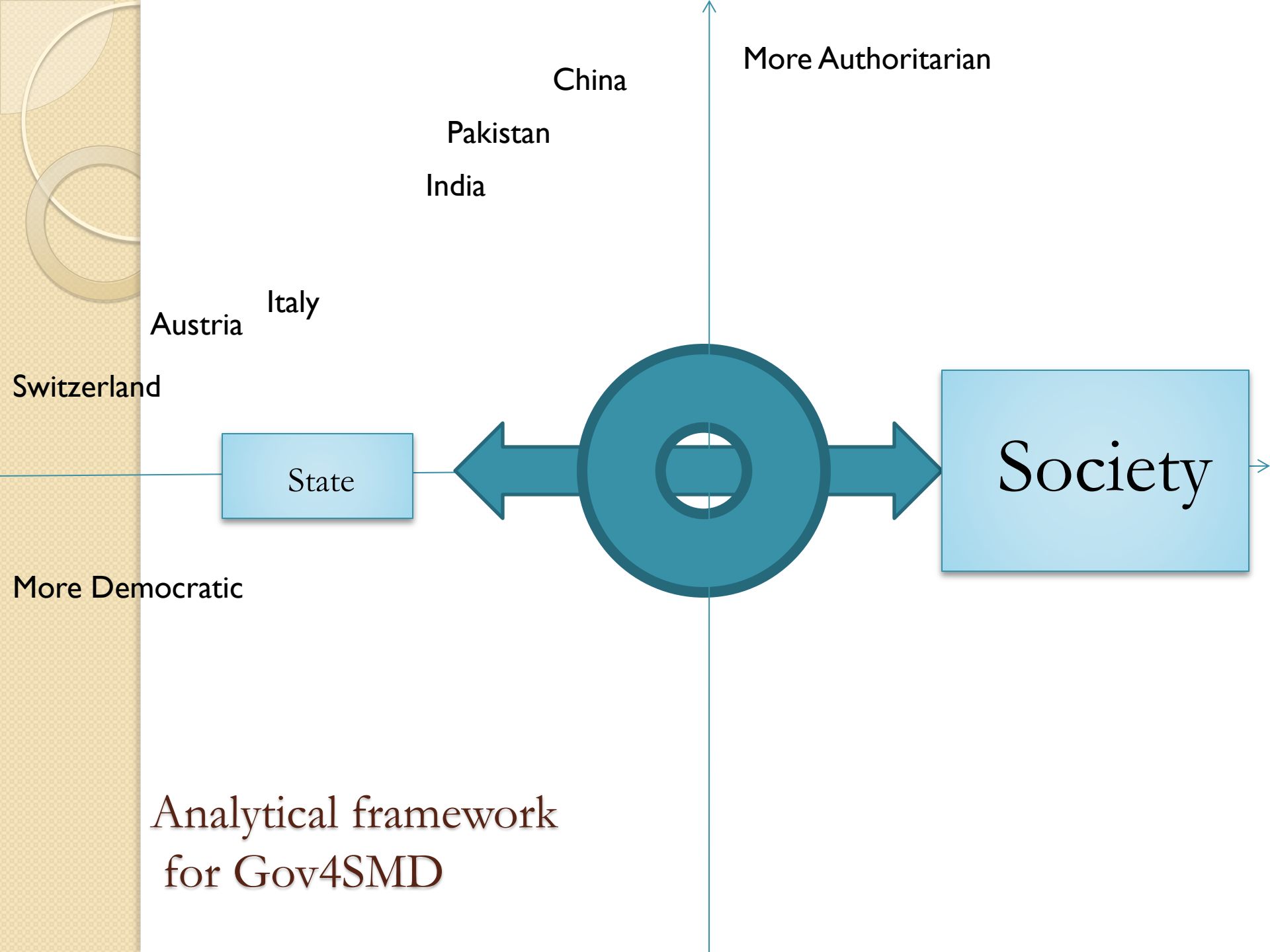
Austria

Switzerland

*More Democratic*

Analytical framework  
for Gov4SMD

WB, Economist  
etc, Governance  
indicators



More Authoritarian

China

Pakistan

India

Italy

Austria

Switzerland

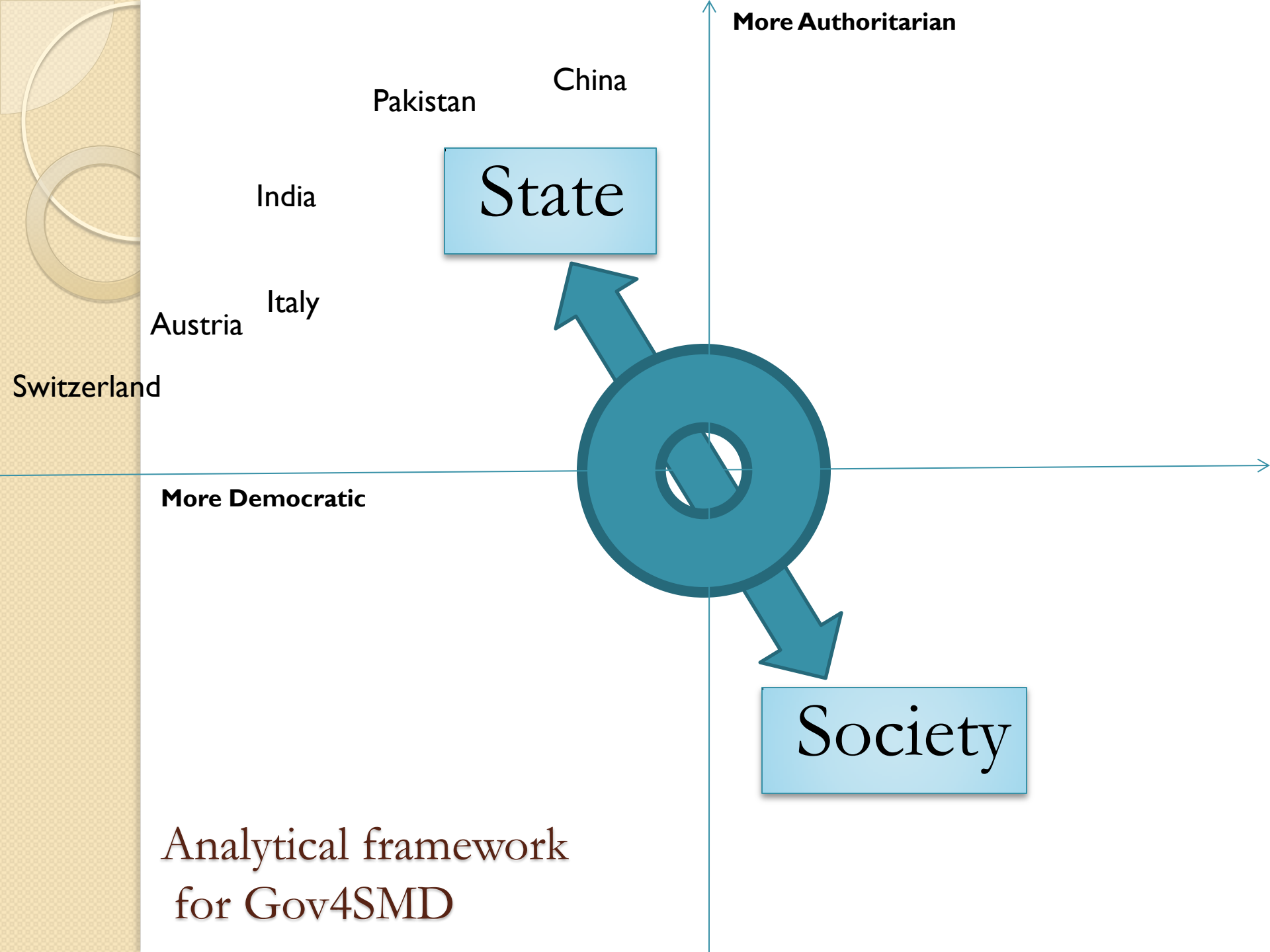
State

Society

More Democratic

Analytical framework  
for Gov4SMD

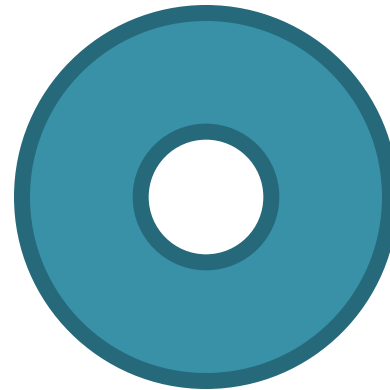




# State

(China, India, Pakistan, ....)

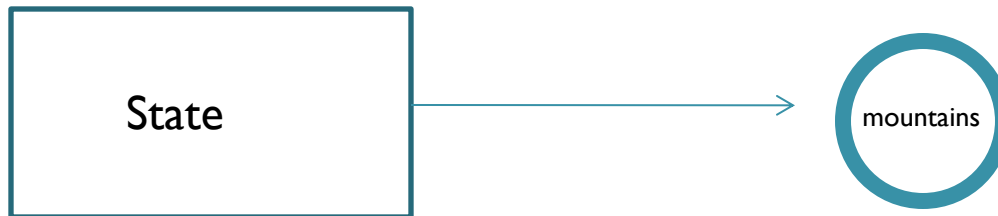
Policies, Institutional &  
Legal Frameworks



Mountain Society

# Understanding structural constraints in SMD Governance

- mountains + peoples?
- Policy Analysis
  - context, ***content and process***

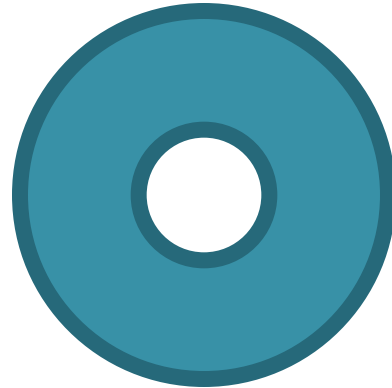


# Policy Analysis for SMD: PK

- Vision 2025
- National Agricultural Policy
- National Industrial Policy
- National investment Policy
- Trade and Commerce Policy
- National Environment Policy
- National Sanitation Policy
- National Energy Conservation Policy
- National Environmental Action Plan
- Poverty Reduction Strategy Paper
- National Health Policy
- National Education Policy
- National Housing Policy
- National Sustainable Development Strategy of Pakistan
- Social Action Programme

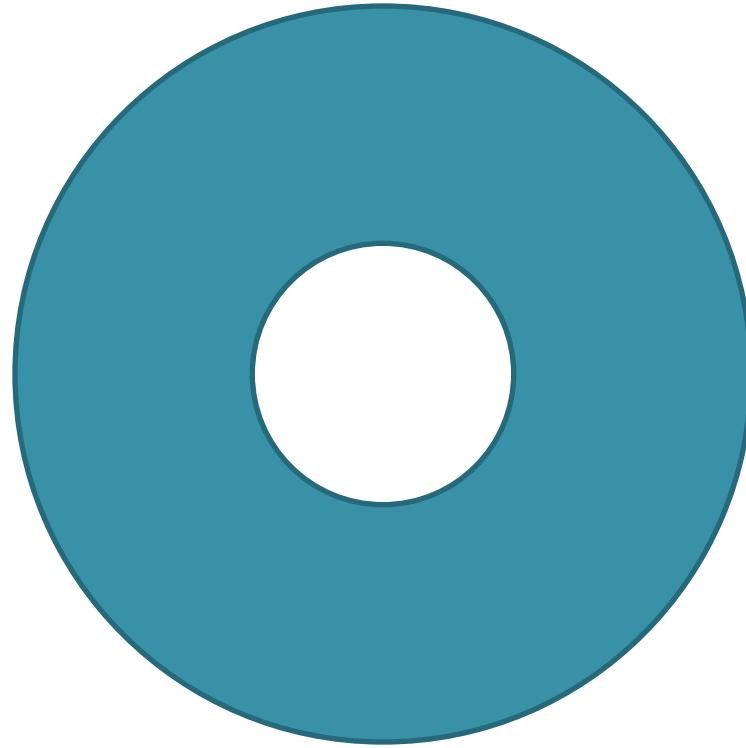
State

Policy Frameworks

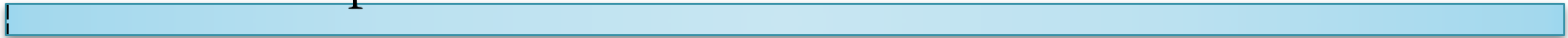


Mountain Peoples

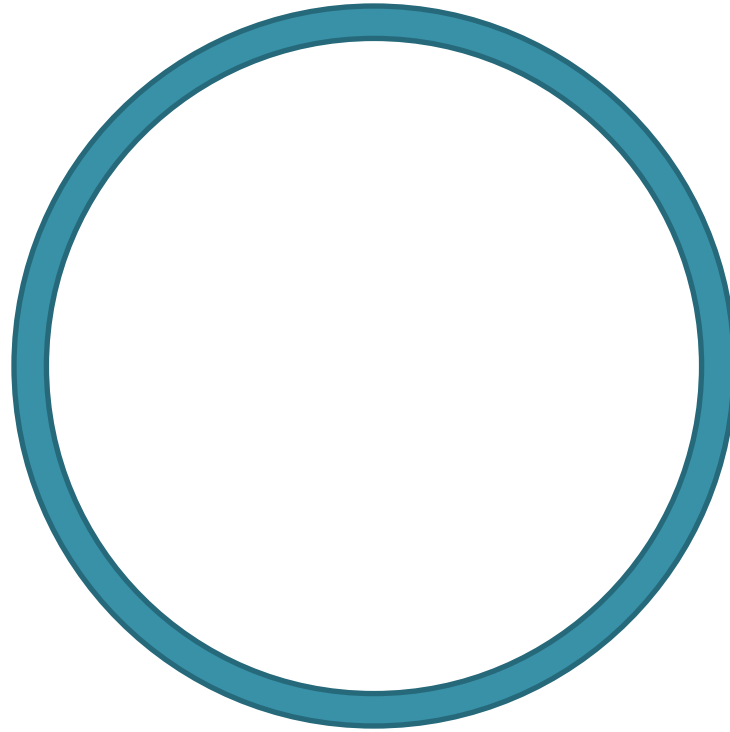
Policy  
Frameworks



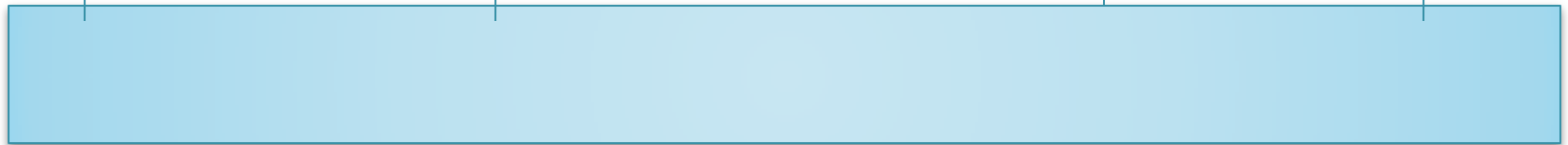
Mountain Peoples



Policy  
Frameworks

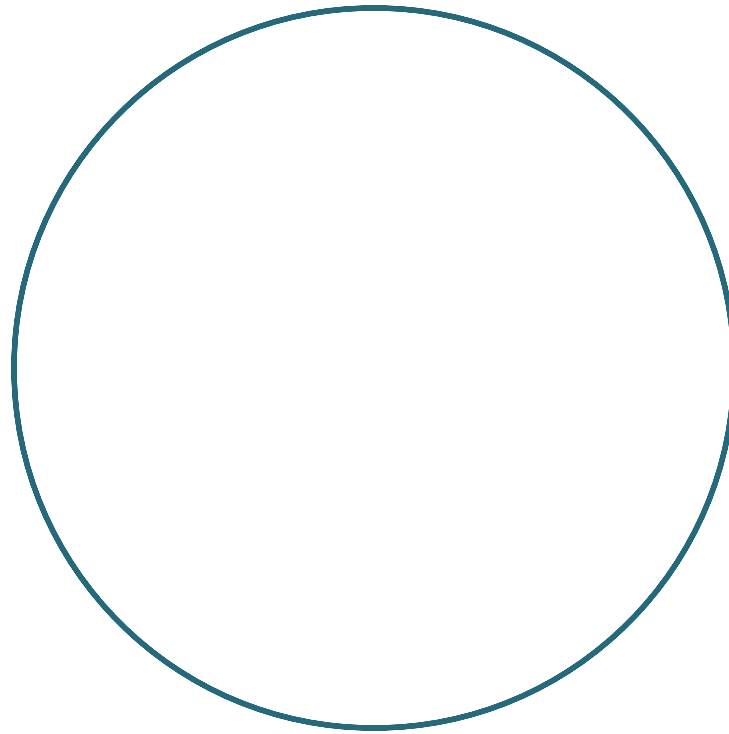


Mountain Peoples

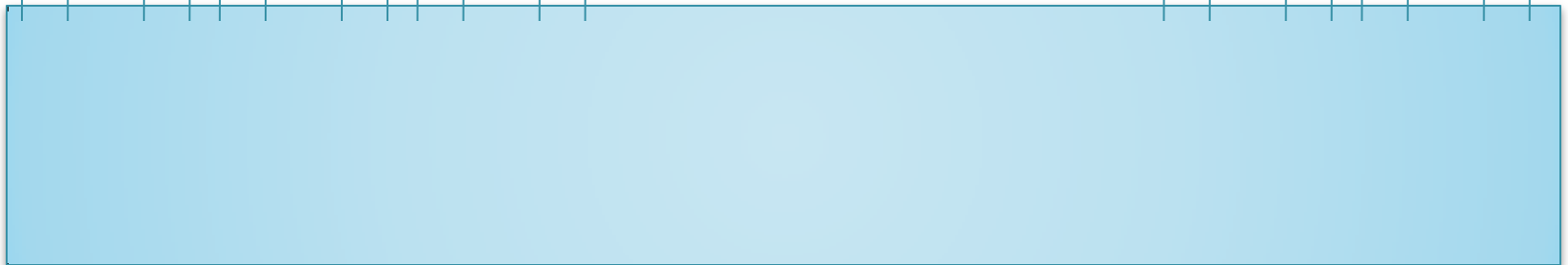




Policy  
Frameworks



↑ Mountain Peoples ↑



# Empirical evidence:

- Case study I: KADO



# Empirical evidence:

- Case study 2: CIQAM


**FROM BEING BURDEN TO BECOMING BREAD WINNERS**

Women Social Enterprise (WSE), now renamed as 'CIQAM', has a unique beginning unlike many development projects and initiatives. Initiated as a pilot activity to provide poor households access to income earning opportunities through engaging young girls...

**Our Mission**  
is to Help those  
who need it

[Learn More](#)

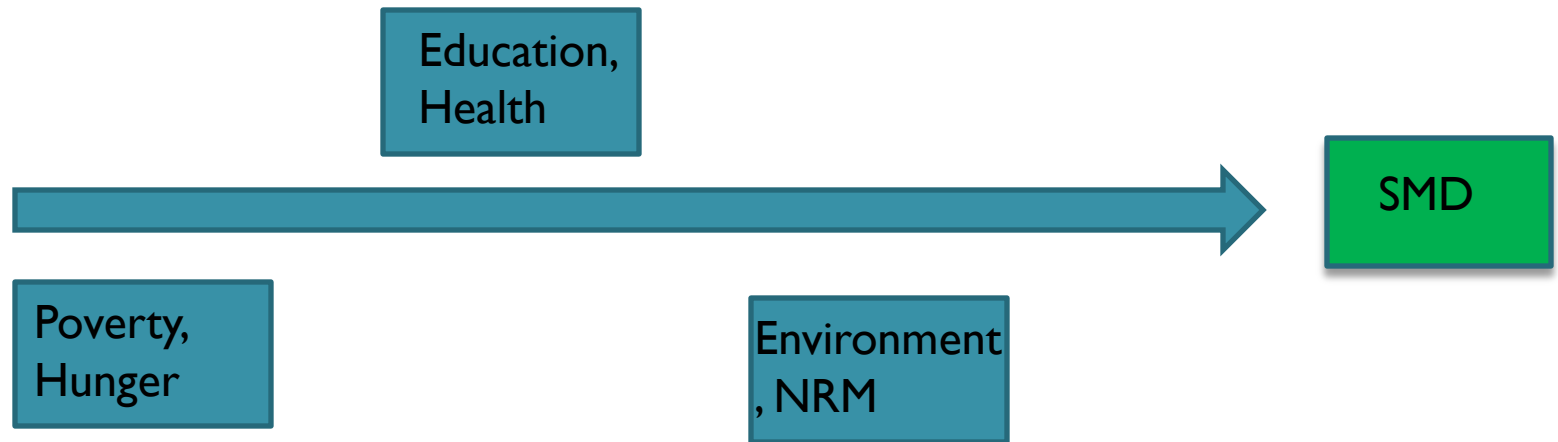
Currently WSE employs over 90 young women in 7 technical trades mainly from poor and marginalized families supported by more than 20 men with different skills



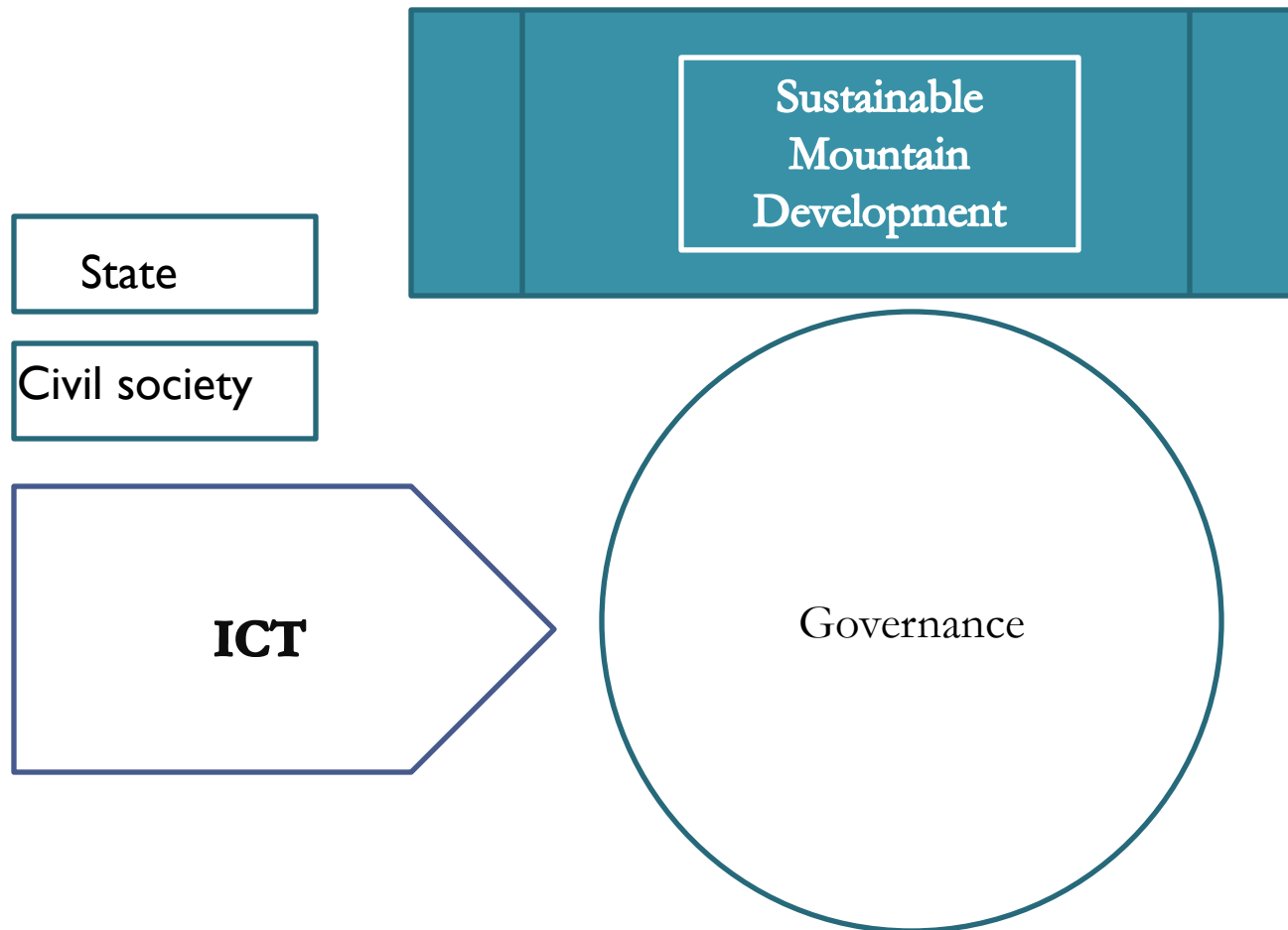
Services Products Partners

# Tracing the transformation

Technology-driven change: SMD in the age of information



# Conceptualizing the nexus



# Big DATA & SMD

- *Statistical Invisibility* of mountains
- Public Information
- Policy monitoring
- Disaster risk management
- Transparency and Accountability
- Organized political activity
- .....