



## Nepal trail bridge sub-sector program: Towards sustainable access for local communities

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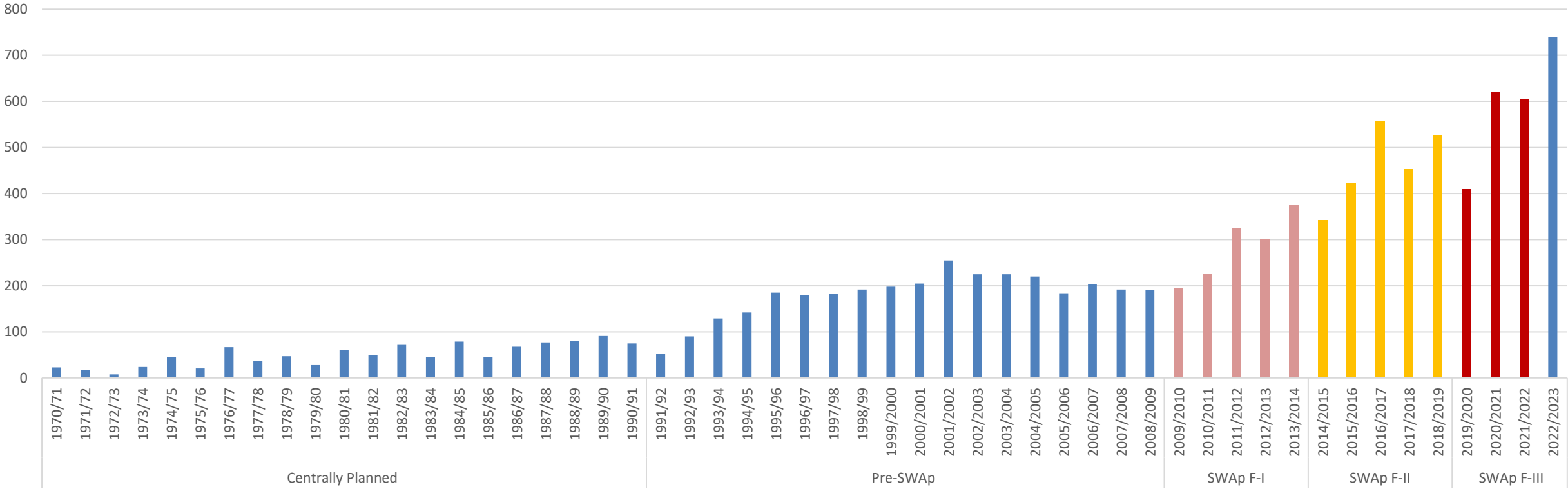
Swiss Agency for Development  
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# From traditional crossings to modern trail bridges



# Trail Bridge Outputs (1970-2023): Strong increase since SWAp

Record **740** trail bridges  
built in FY 2022/2023



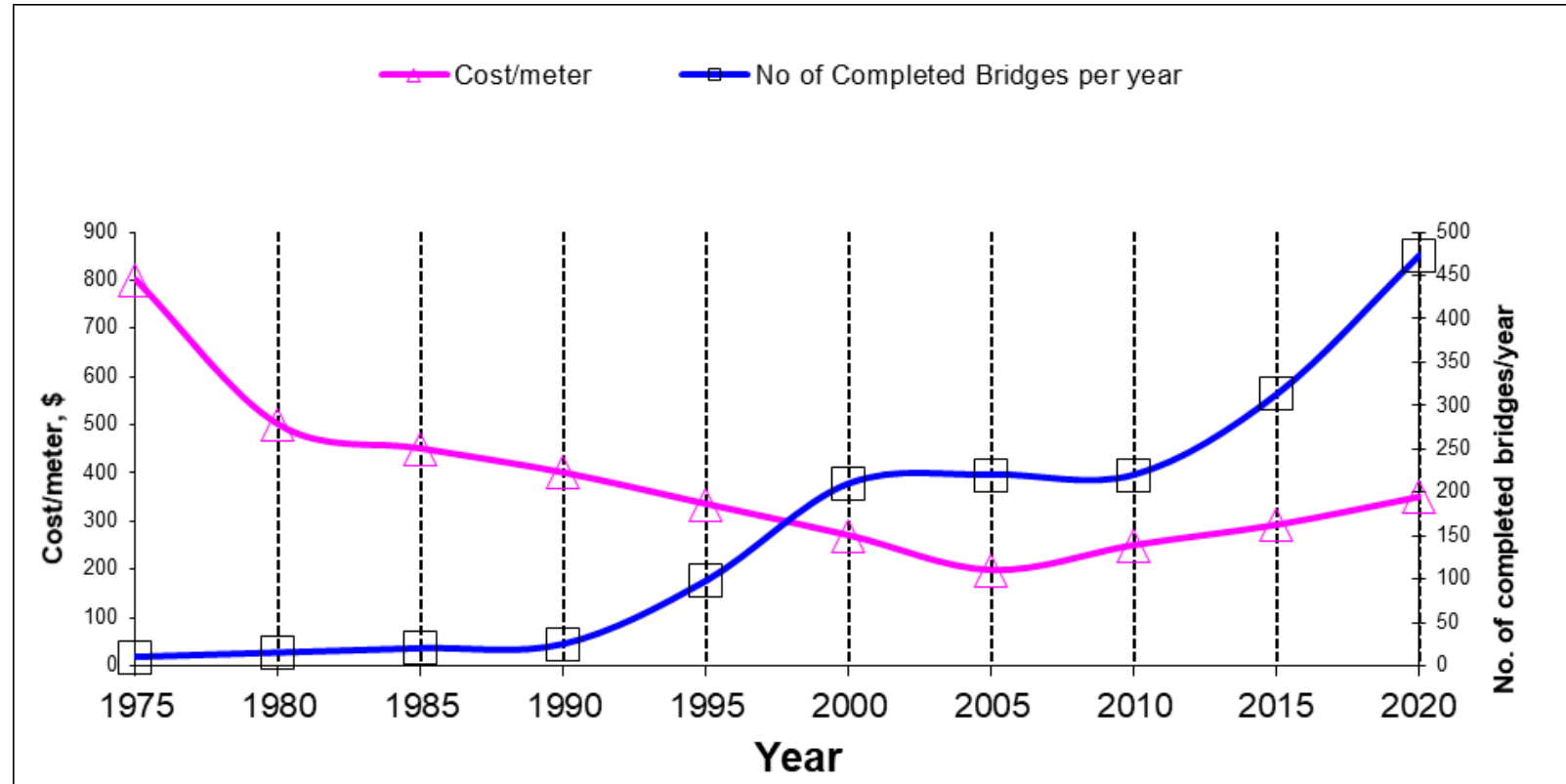
## Nepal Trail Bridge sector

### Demonstrated experience in scaling up a mobility program

- 10,000 trail bridges (2023)
- Approx. 1 million people use a trail bridge each day

### Impact

- Time saved: 3 hours (2-way journey)
- Increase in school attendance: 20%
- Increase in health center frequentation: 30%
- Nucleus of local governance



Improved Technology: Increase in per annum construction with reduced cost.

# The Nepal Trail Bridge Sector – Ingredients for Scaling



Sustained government commitment and leadership

Decentralized bridge building to respond to high demand

Simplification of technologies to support community construction

Strategy development and standardization of technologies

Institutionalized capacity-building

Rigorous quality monitoring and information systems

## Nepal Trail Bridge Strategy 2006: Clear road map



- **FG, PG and LGs involvement**
- Detour time not more than 1-hour
- **Implementation modalities**
  - SSTB (< 120 m): Community
  - LSTB (> 120 m): Consultant / Contractor Approach

### **Design Standardization**

- **16 technical and social mobilization manuals**
- Quality monitoring of materials and construction works

## Capacities of Bridge Builders Strengthened



Over **2,300 Es/SEs/ASEs** trained by GoN and NGOs in trail bridge design, survey, cost estimate, implementation, and monitoring

Over **5,300 Bridge Crafts Persons and Users' Committees** trained in technical skills, GESI, implementation modalities

## Conclusion: Trail bridge program is mature




- Implementation modalities, norms, standards are institutionalized and widely accepted at all levels
- Capable and experienced bridge builders present at all levels
- Swiss TA



**THANK  
YOU!**

**Terima  
Kasih**



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