

**Smallholder
Irrigation Market
Plans
SIMPlans**

Smallholder Irrigation Market Plans SIMPlans

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Special Thanks

- Ministry of Foreign Affairs,
Government of the Netherlands
- Swiss Development Cooperation
- Japanese Institute for Irrigation and
Drainage
- World Bank

Outline of Presentation

- Background
- Regions and Examples
- Scale-up plan
- Investment capital
- Target results and Budget
- Conclusion

SIMINet

Knowledge Management

Guiding Principles

Competence Building

Egs.

~~SIMPlan~~

SIMDep

SIMDep



The logo for SIMDep features the text "SIMDep" in a large, bold, red serif font. A thick white diagonal line runs from the top-left corner of the image, passing behind the text and extending towards the bottom-left corner.

SIMPlan

SIMDep

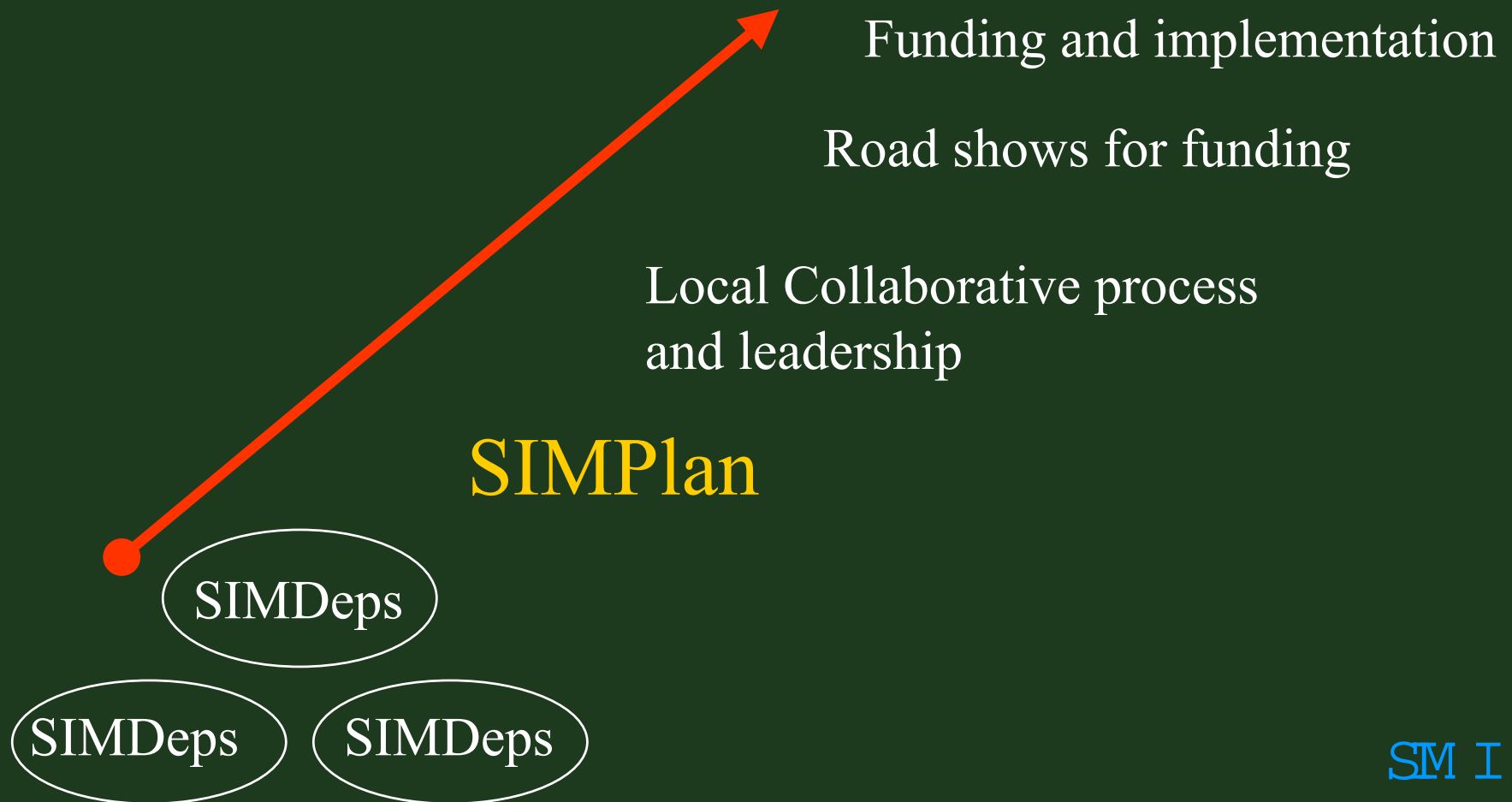
SIMPlan

SIMPlan

Background

- **SIMPlans** translate SIMI vision into action
- Completed, with local partner participation, in 2002
- 5 regions

Building for the future



The Regions

- The Deccan Plateau
- The Poor Hills of Asia
- The Gangetic River Basin
- Southwestern China
- Sub-Saharan Africa
- Central America (SDC)
- Horn of Africa (SDC)

Goals for Each Region

- Increase smallholder income from high-value crops using:
 - credit
 - affordable irrigation
 - agronomic information and inputs
 - access to markets

Example

Gangetic River Basin

- Bangladesh
- Eastern India
- Nepal Tarai

Irrigation for high-value crops

- Example1: water lifting progression
 - Treadle pumps
 - Diesel pumps
 - Water markets

Irrigation for high-value crops

- Example 2: drip irrigation leads to agricultural intensification
 - kitchen gardens
 - high-value crops for sale
 - from subsistence to market participation

Expanded Market Participation

- Example: Monsoon Tomatoes
 - Highest prices during rainy season
 - Specialized production package
 - Income increased dramatically

Investment Capital

- Two components
- An Investment Fund
 - Target capitalization: \$US 40 million
- Business Advisory Services and related technical assistance
 - Target: \$US 10 million

Investment Capital

- Fund professionally managed by experienced team
- Business technical assistance managed by separate unit

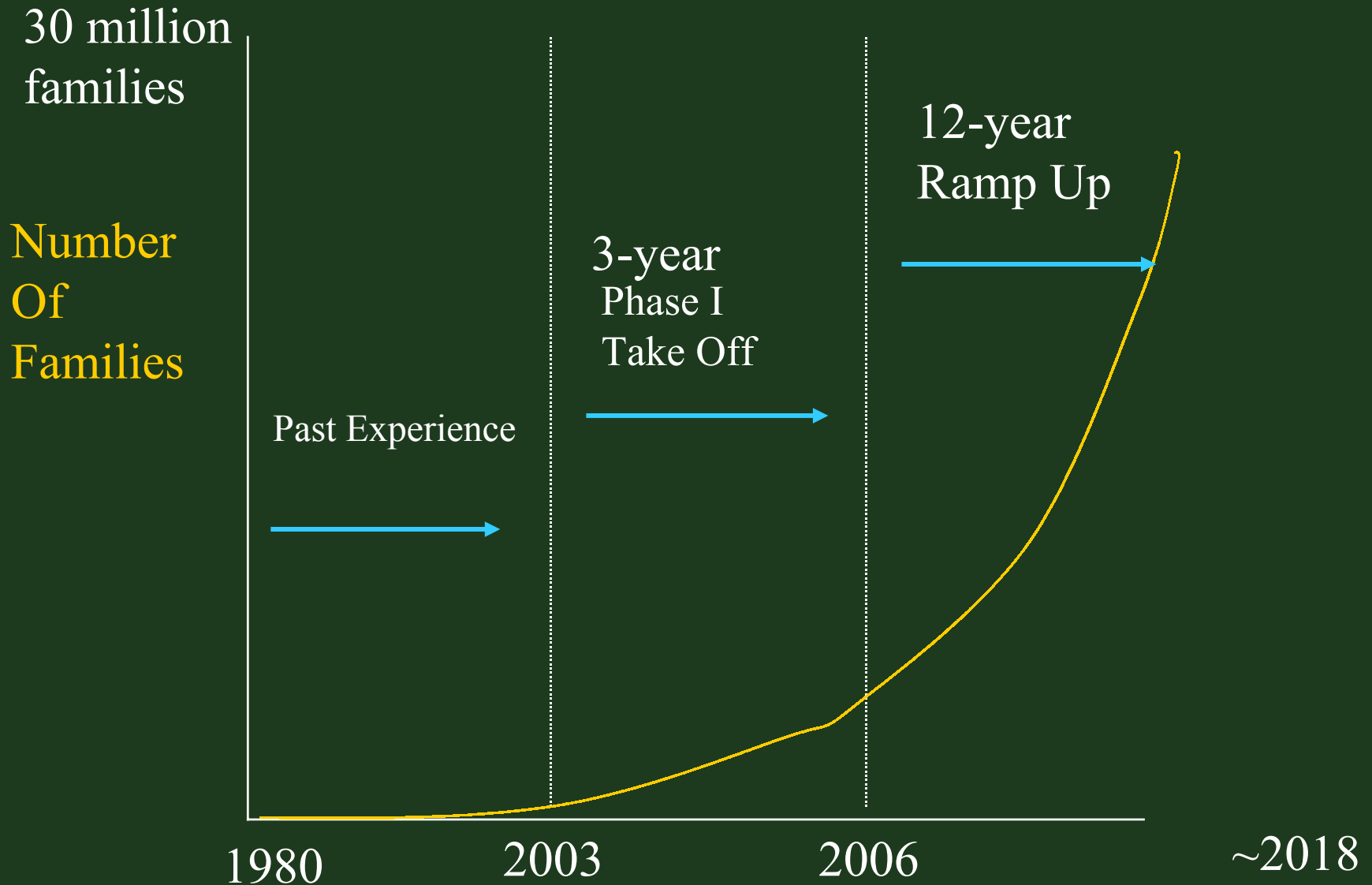
6-year Target Results of SIMPlan Process

- Five regions
- Total Beneficiaries: 160,000 households (800,000 persons)
- Grant cost per person: \$46
- Grant cost per household: \$230
- Average extra net annual household income in year six: \$496

SIMPlan Implementation and Scale-up in Five Regions

- Phase I “Take Off” (3 years)
 - Collaborative process in regions
 - Achieve funding and scale up
- Continue to learn as we go
- Phase II (12 years)
 - Extend the initiative

SIMI SIMPlan Impact Timeline



Budget Data

- Built from detailed case studies
- Assumes a mix of grant and investment support
- The total is large, but small when compared to the benefits

Phase I Budget

Years 1-3 (million \$US)

Grant Support: Implementation

Phase I Base, 5 regions:	7.8
Phase I Expansion, 5 regions:	20.5
SIMI Management	0.5
Total Phase I	28.8

Investment Program, Phase I

Capital Fund Disbursements	8.0
Business technical assistance	2.0
Total for Investment Program	10.0

Total Phase I	38.8
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Phase II Budget and Total

Years 3-15 (US\$)

Implementation Grant Support: Phase II

Total for Implementation 15

Investment Program, Phase II

Capital Fund Disbursements 32

Business technical assistance 8

Total for Investment Program 40.0

Total Phase I 38.8

Total Phase II 55.0

Total SIMPlan Process 93.8

Conclusion

- We have over 20 years of experience
- We have a solution based on careful, on-the ground research with partners
- We have completed detailed model plans for 5 specific regions
- It is time for a collaborative process leading to action!