

# Framework for Planning, Implementing, and Evaluating an mHealth Project for Family Planning or Maternal and Newborn Health



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# Experience of an ongoing effort relating to a planned project in Sierra Leone

## Background:

- Sierra Leone, in West Africa, is in the bottom rankings of the Human Development Index with unacceptable maternal and child mortality figures.
- The health system in Sierra Leone is characterized by a lack of appropriately qualified health care workers, insufficient supplies of drugs and equipment, poor co-ordination and management, and charges levied at point of service delivery.
- Free health care for pregnant and lactating women and children under 5: launch 27 April 2010



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*-Government of Sierra Leone, November 2009*

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Mobile phones are everywhere in Sierra Leone, so why not to take advantage of them in strengthening health systems for enhancing maternal and newborn health and survival



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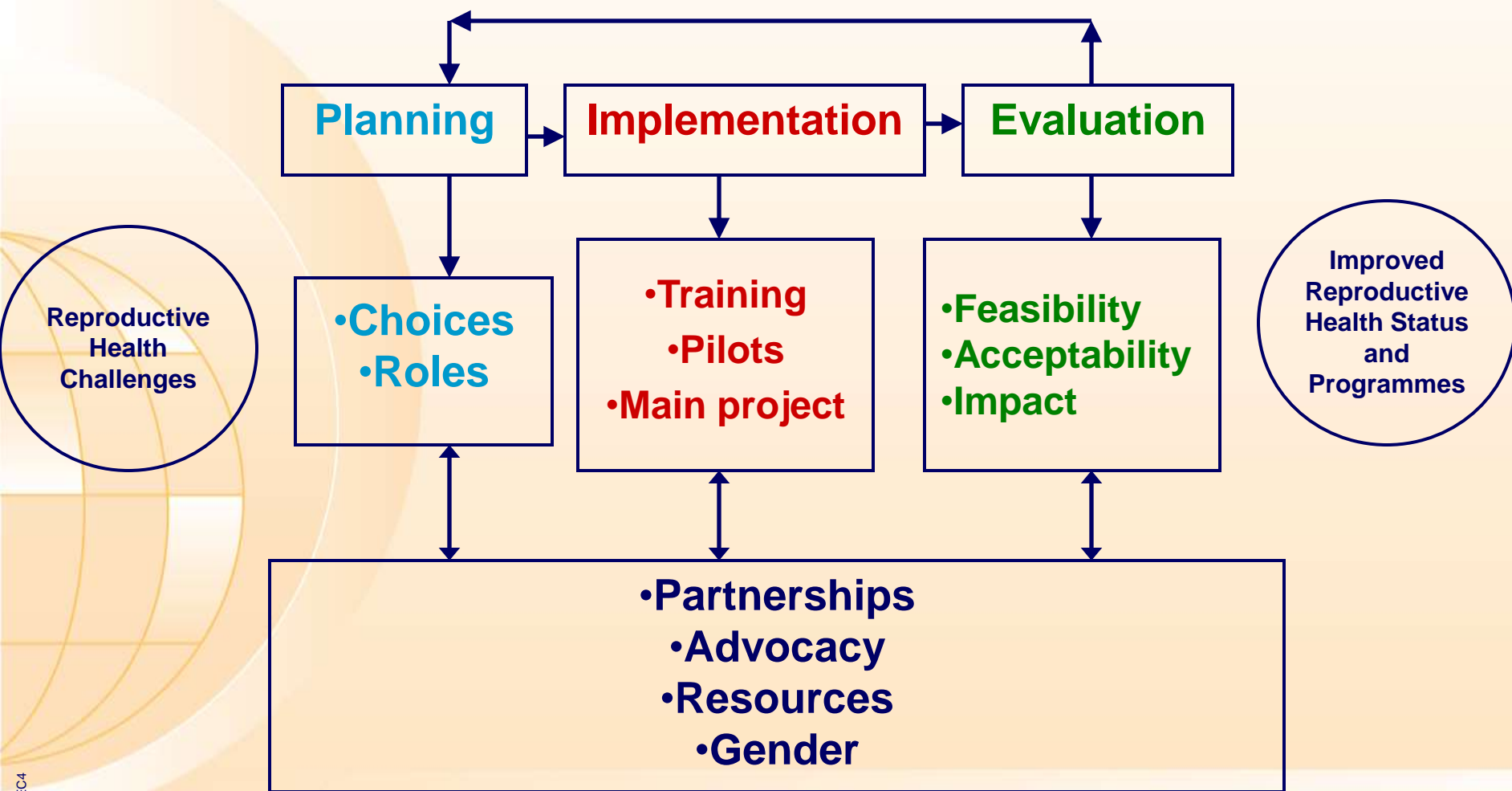


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# Framework for mHealth Project



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# 1. Planning phase

***Started in***

***March 2010***

***---- On-going***



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## Choices:

Choices	Options	How decided	Importance	Priority Order
Field of work	MNH FP both	IDIs with MOH	ownership	1
Objectives	Access, quality, Saving lives	IDIs with health personnel	results	2
Approaches	SAM, networking, mentoring, hotline	Literature review,	feasibility	3
Levels	IFC, Health system	Literature review, IDIs with partner organizations	feasibility	3



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Choices	Options	How decided	Importance	Priority Order
Hardware	Ordinary cell PDA Smart phones	IDIs with IT	Applications, cost	3
Software	None, limited and specific, broad and flexible	Review of experiences elsewhere	Practicality, sustainability	3
Areas	District, region	coverage	necessity	1
Collaborators	National International	Meetings, existing collaboration	Approvals, integration, funding	2
Time frame	Short, long	funds	deliverables	1



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## 2. Definition of roles and responsibilities of collaborators



- Management
- Technology
- Health services
- Training
- Research
- Coordination
- Communication



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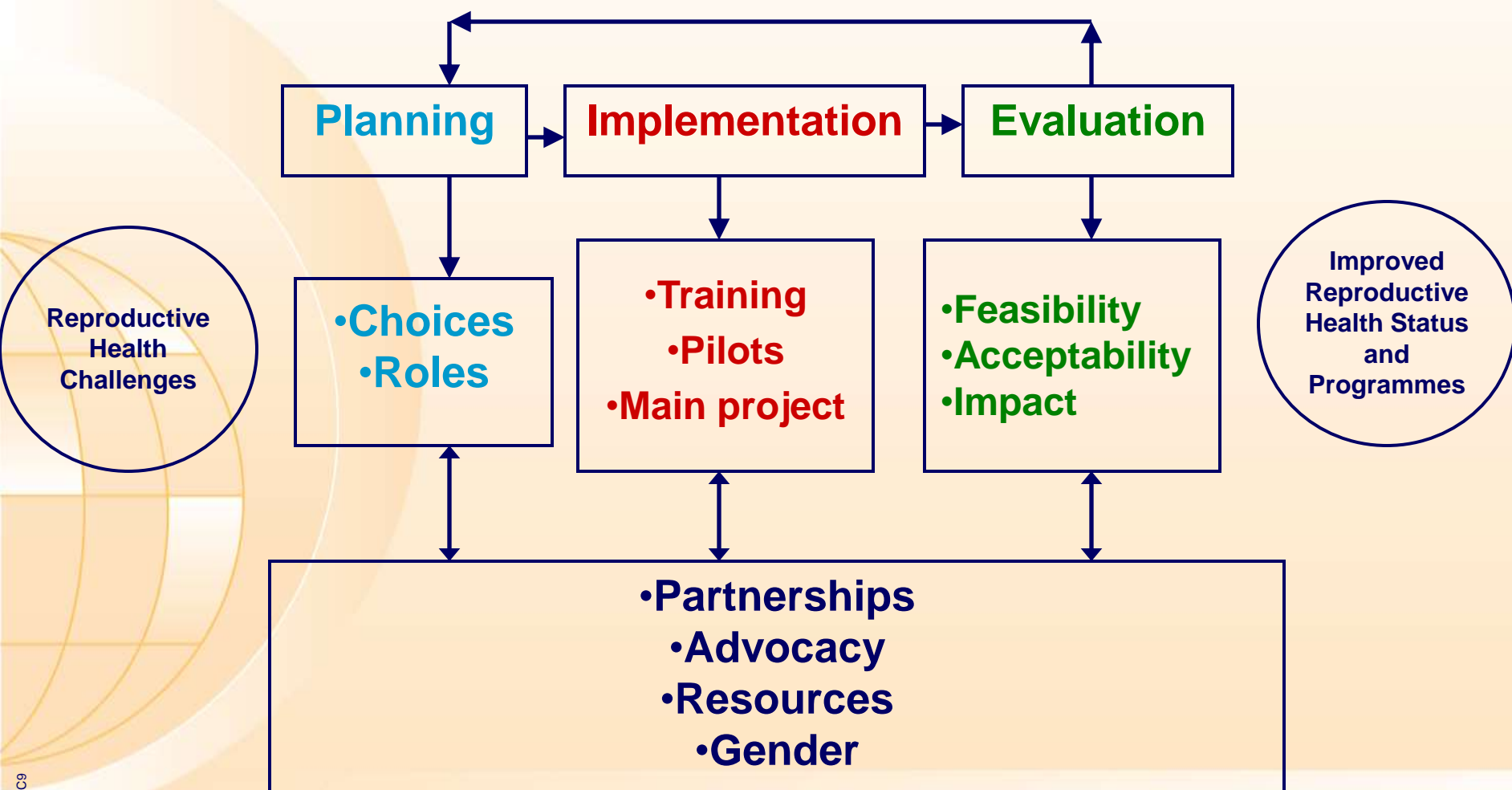
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# Advocacy for the project

- National authorities
- Partners
- Media
- Population



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# Partnerships

- Why?
- National
- International
- How?



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# Resource mobilization

- **In kind** : Possibility to link up with existing activities and use their resources
- **funds**:
  - a. Within already funded programmes
  - b. Applying for earmarked funds



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# Using "Gender lens" for

- choosing collaborators
- accessing resources
- disseminating results



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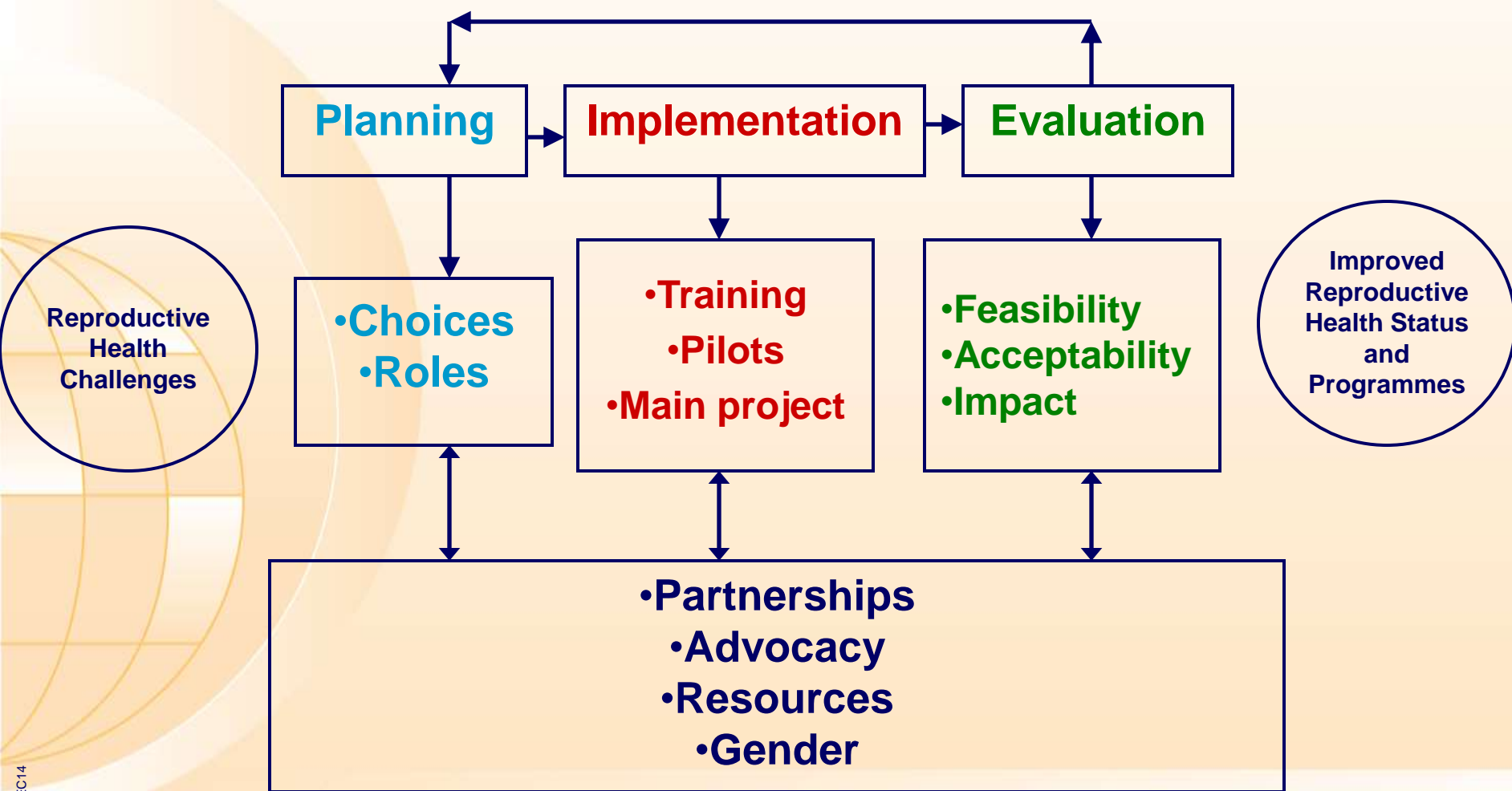


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# Framework for mHealth Project



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## 2. Implementation phase

*Possibly starting in July 2010*



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# 1. Training in

- Technology use
- Research
- Maternal and newborn health
- Family Planning

## 2. Carrying out pilot(s) to test feasibility

- Focus on Keeping It Small and Simple
- Emphasize quality over quantity

## 3. Carrying out the project itself



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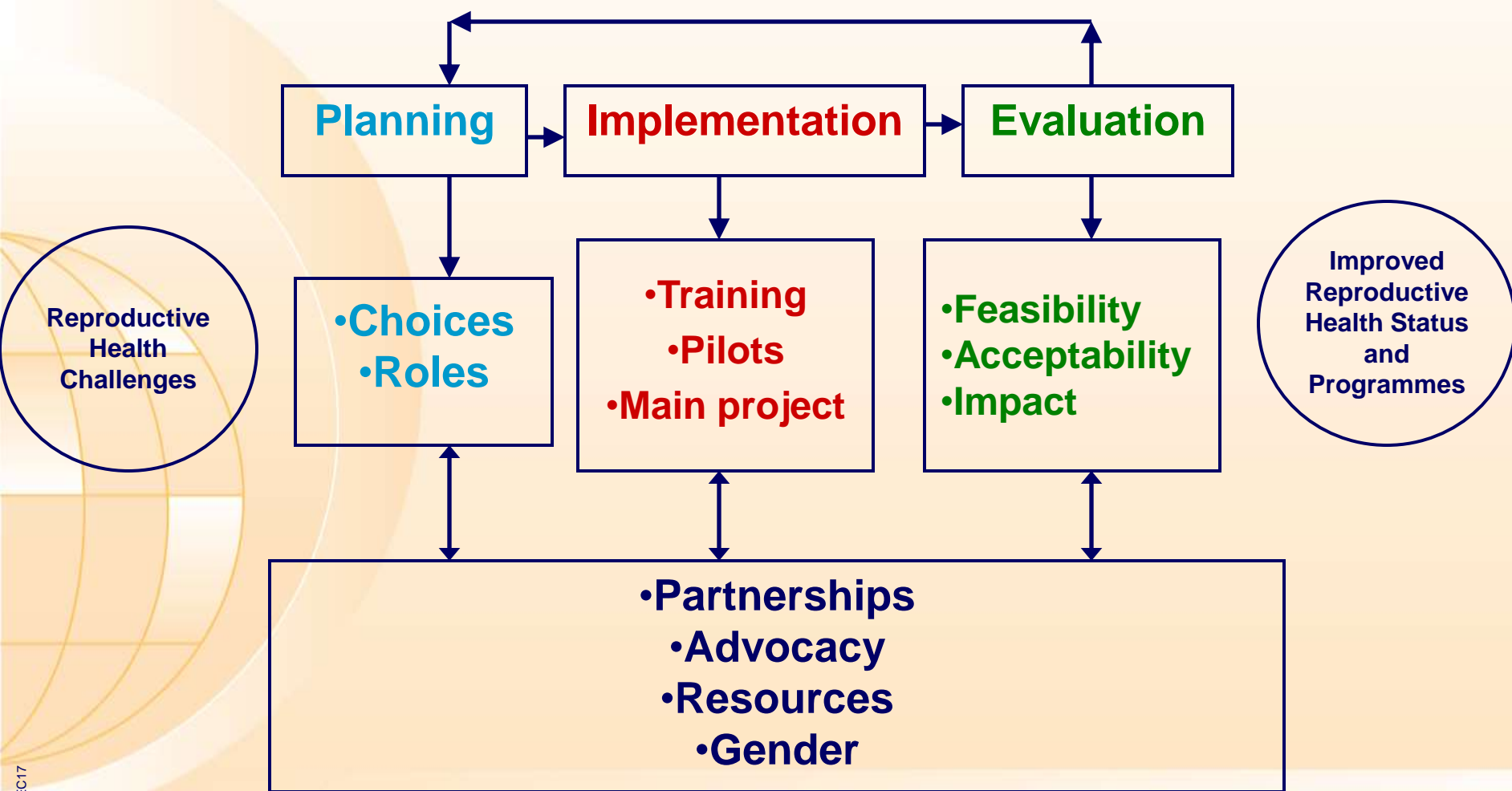
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### 3. Evaluation phase

**To start  
very shortly  
after the  
implementation  
has begun**



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# Health systems research to assess

- Feasibility : observations, IDIs
- Acceptability: FGDs, IDIs
- Impact: Case studies, registry data



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# Conclusions and recommendations based on experiences in Sierra Leone

- Things are already happening
  - strategic thinking quickly needed
- Easy to become excited
  - requires strong coordination
- Private Public Partnerships deserve more attention
- Need a Champion



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