

CMAM 2021

22-25 March

VIRTUAL CONFERENCE

Community-based Therapeutic Care

CONCERN
worldwide

 **Irish Aid**
An Roinn Gnóthaí Eachtracha agus Trádála
Department of Foreign Affairs and Trade

& THE EVOLUTION TO CMAM

Dr Steve Collins

Features of Severe Malnutrition

1. **Economic** deprivation

- Poverty
- High work loads to cope with conditions (esp. Women)

2. **Social** exclusion

- Clustered in poorest families
- Malnourished siblings

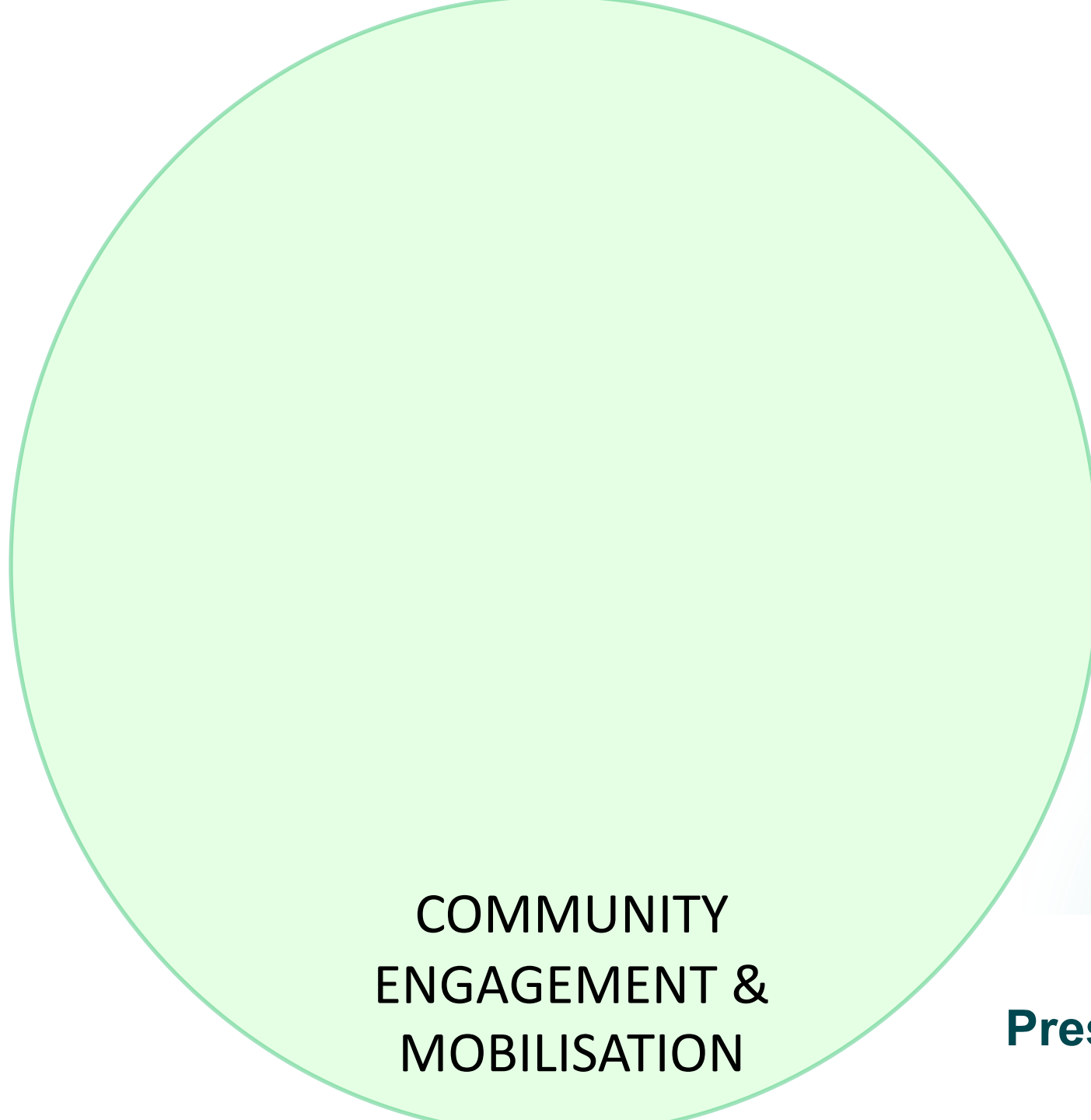
3. **Individual pathological** changes

- Metabolic reductive adaptation
- Immunosuppression

Aims of CTC

- **Improve coverage**
- **Increase capacity of communities** to manage and prevent acute malnutrition
- **Decrease dependence** on external interventions
- **Provide exit strategies** for emergency interventions

The CTC model



COMMUNITY
ENGAGEMENT &
MOBILISATION

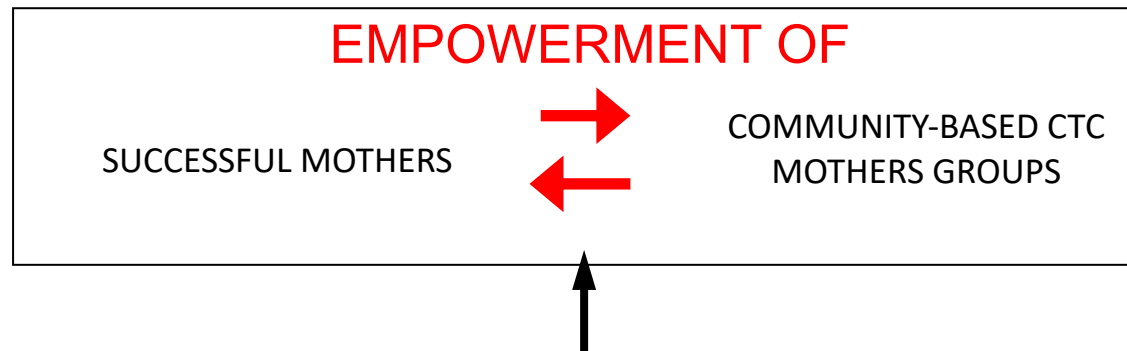
Presentation SCN 2003

Community organisations

- church groups
- local NGOs

External facilitation

- co-ordination
- technical support
- funding for commodity purchase

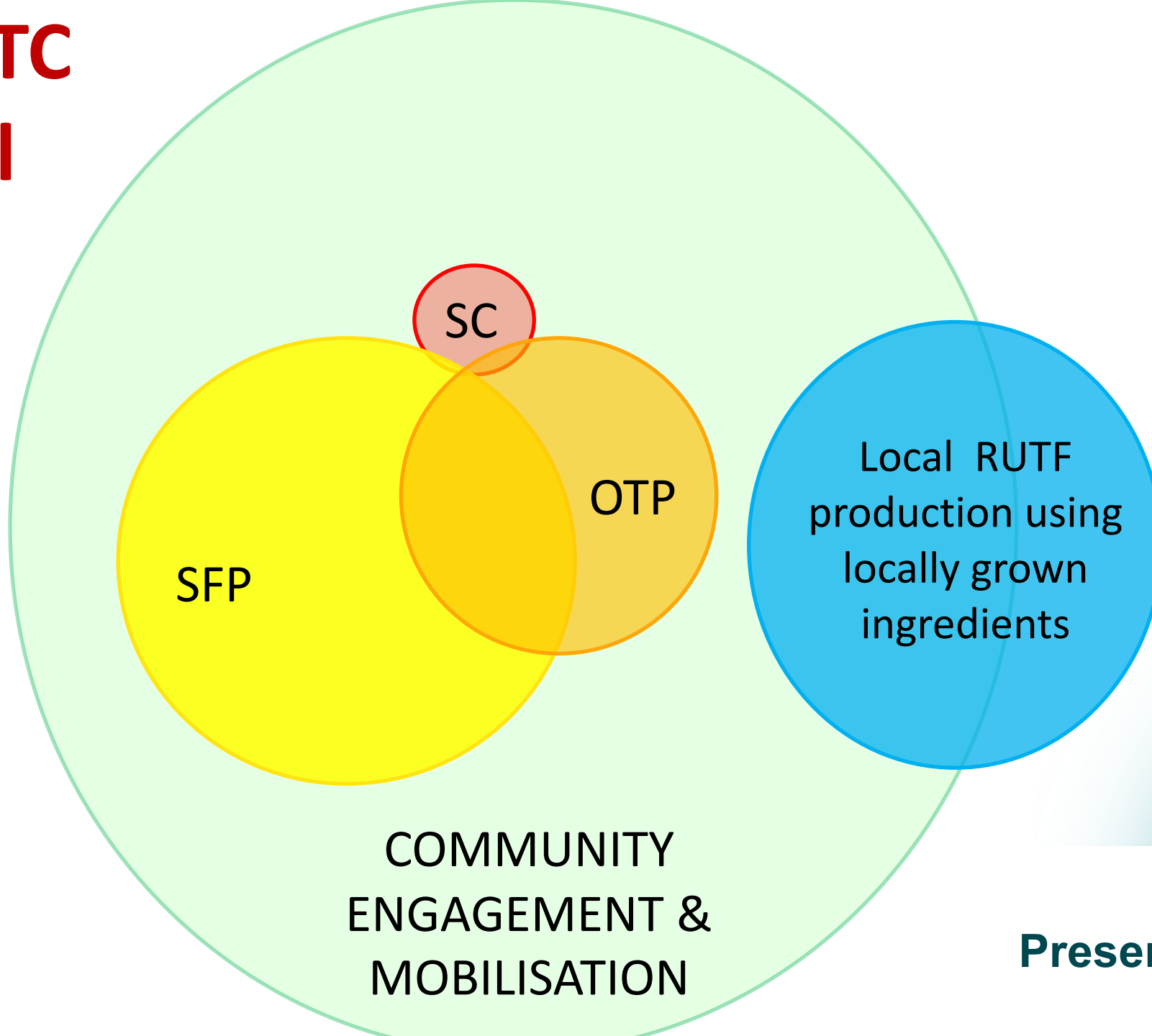


Community workers

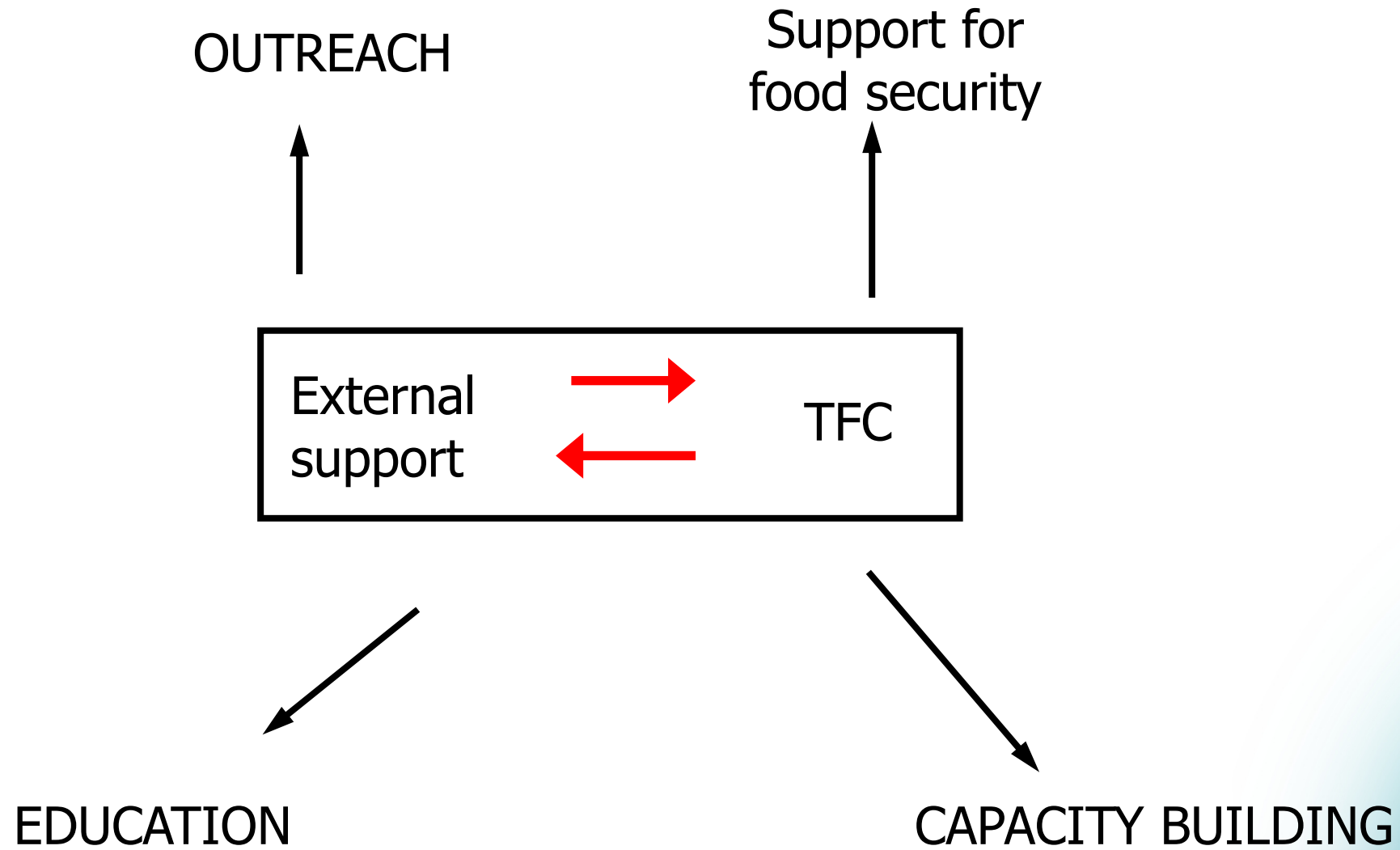
- Clinics, health inputs
- Group visits
- Extension work

**Community-based
model**

The CTC model



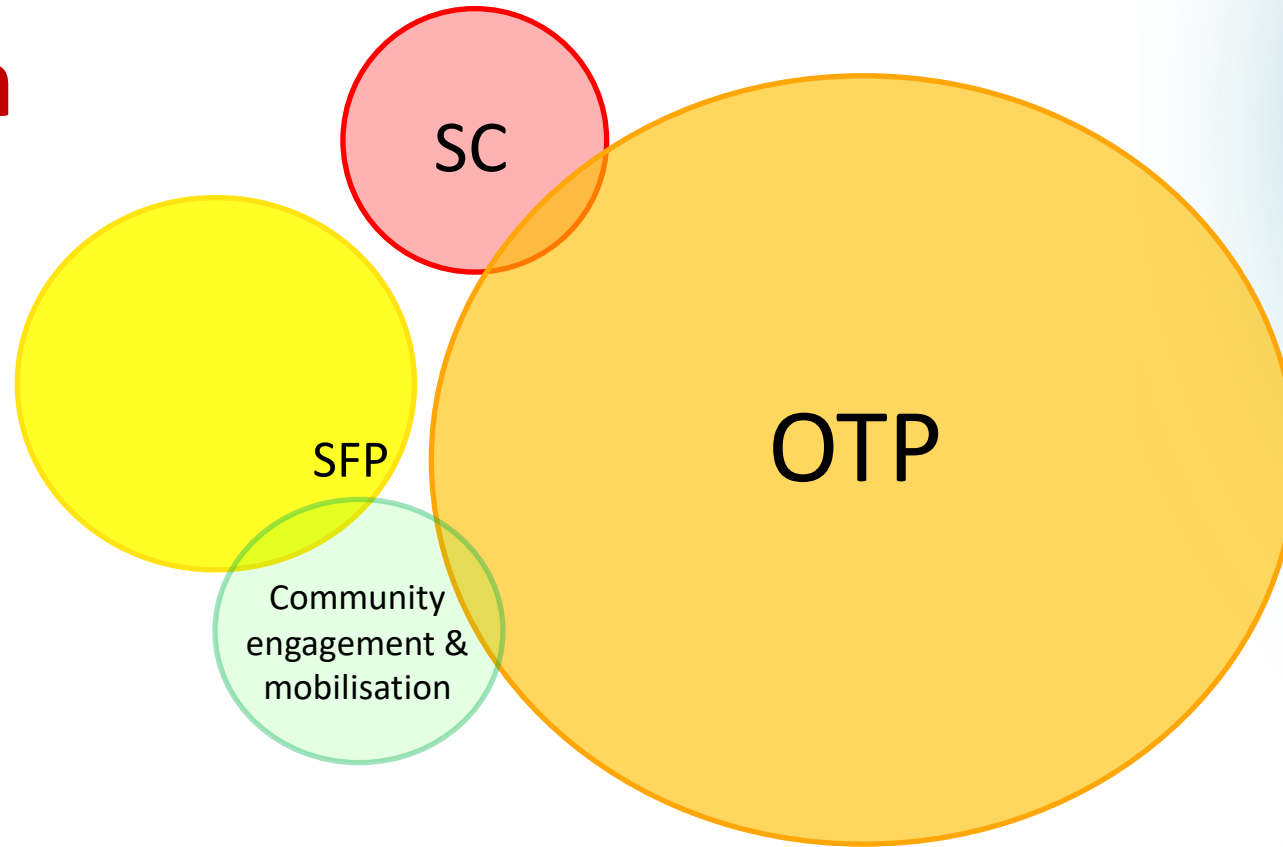
Presentation SCN 2003



Extension / medicalised model

Presentation SCN 2001

CMAM in practice



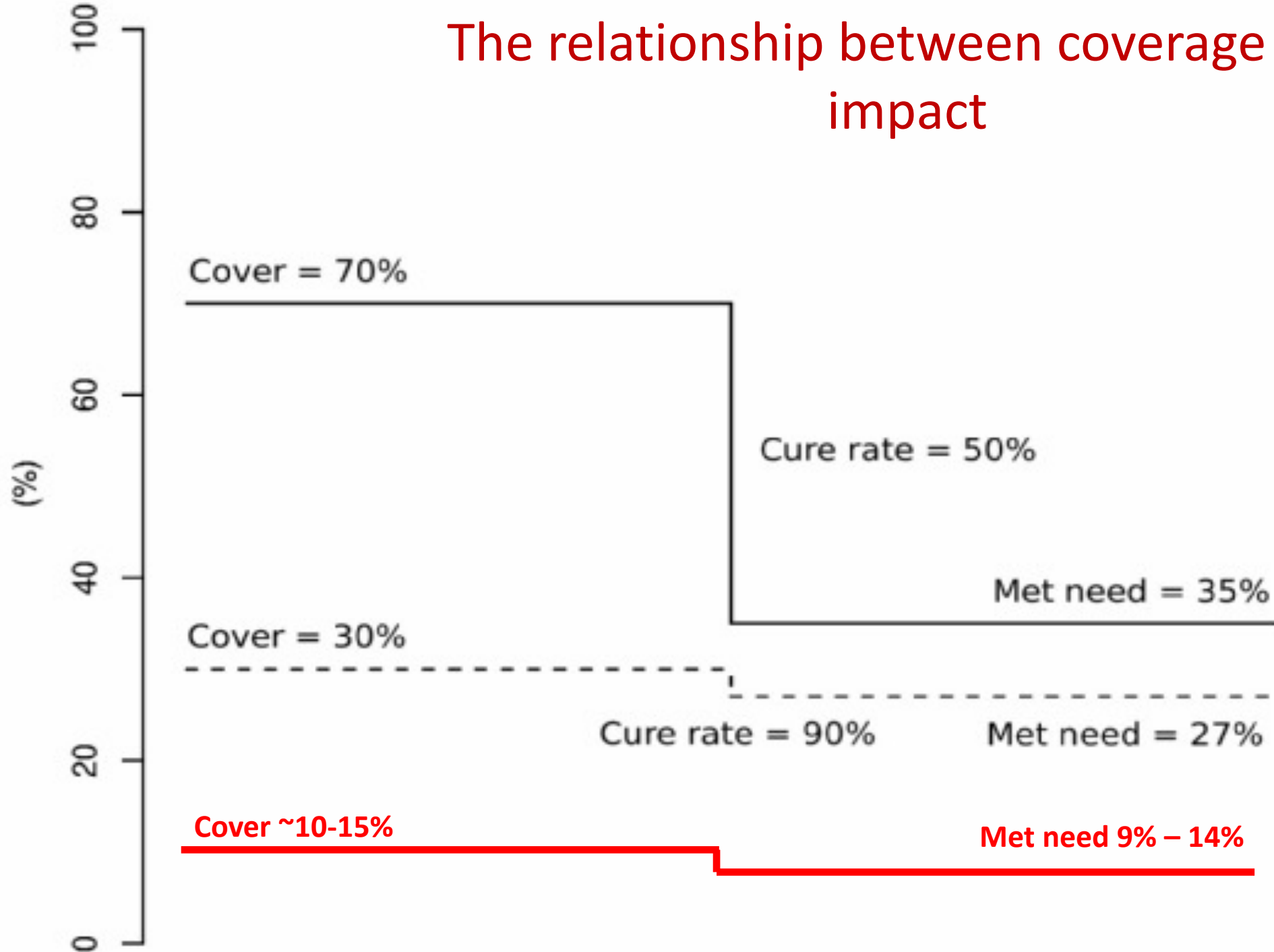
Coverage of therapeutic programmes is low

Coverage in 2001
<1%

Coverage in 2020
~ 10-15%

Presentation SCN 2001

The relationship between coverage and impact



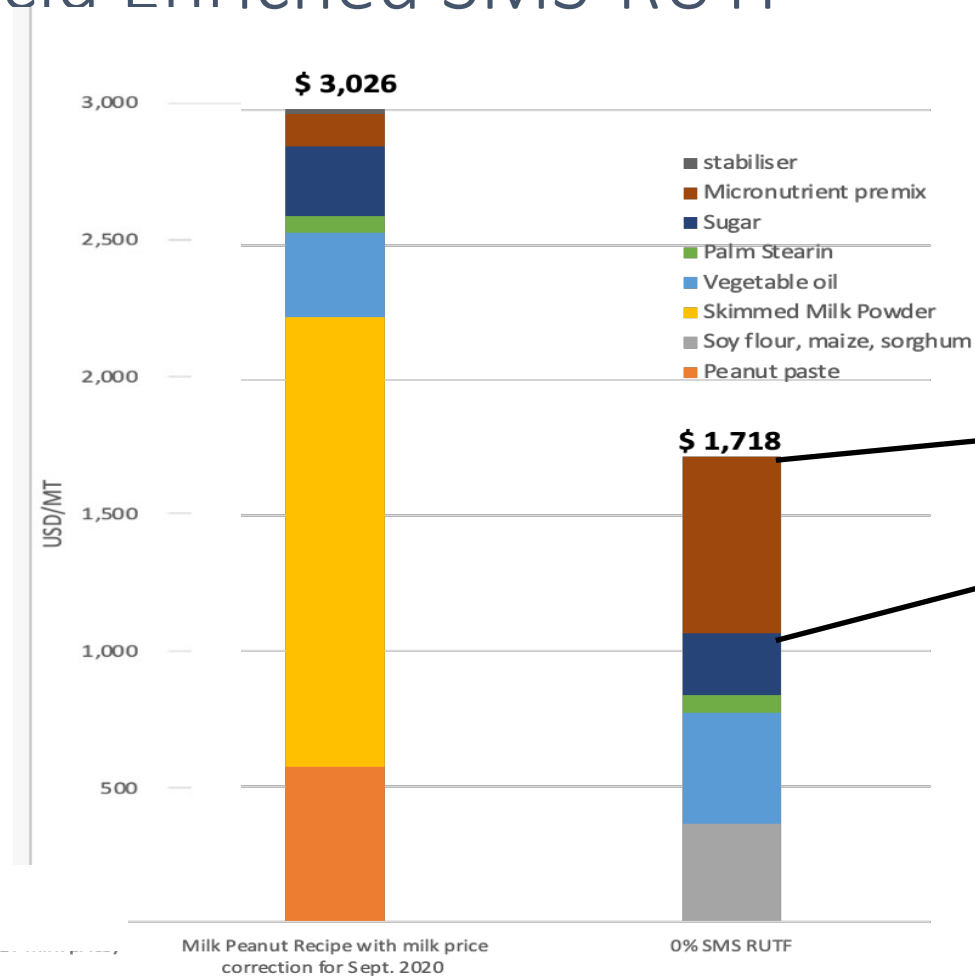
Presentation to
**WHO GUIDELINE
REVIEW meeting
2005**

**COST
IS A MAJOR
BARRIER TO
COVERAGE**

**>50% OF THE
COST OF CMAM
IS
RUTF**

Ingredient Cost of PLANT-BASED Amino Acid Enriched SMS-RUTF

THE COST OF RUTF

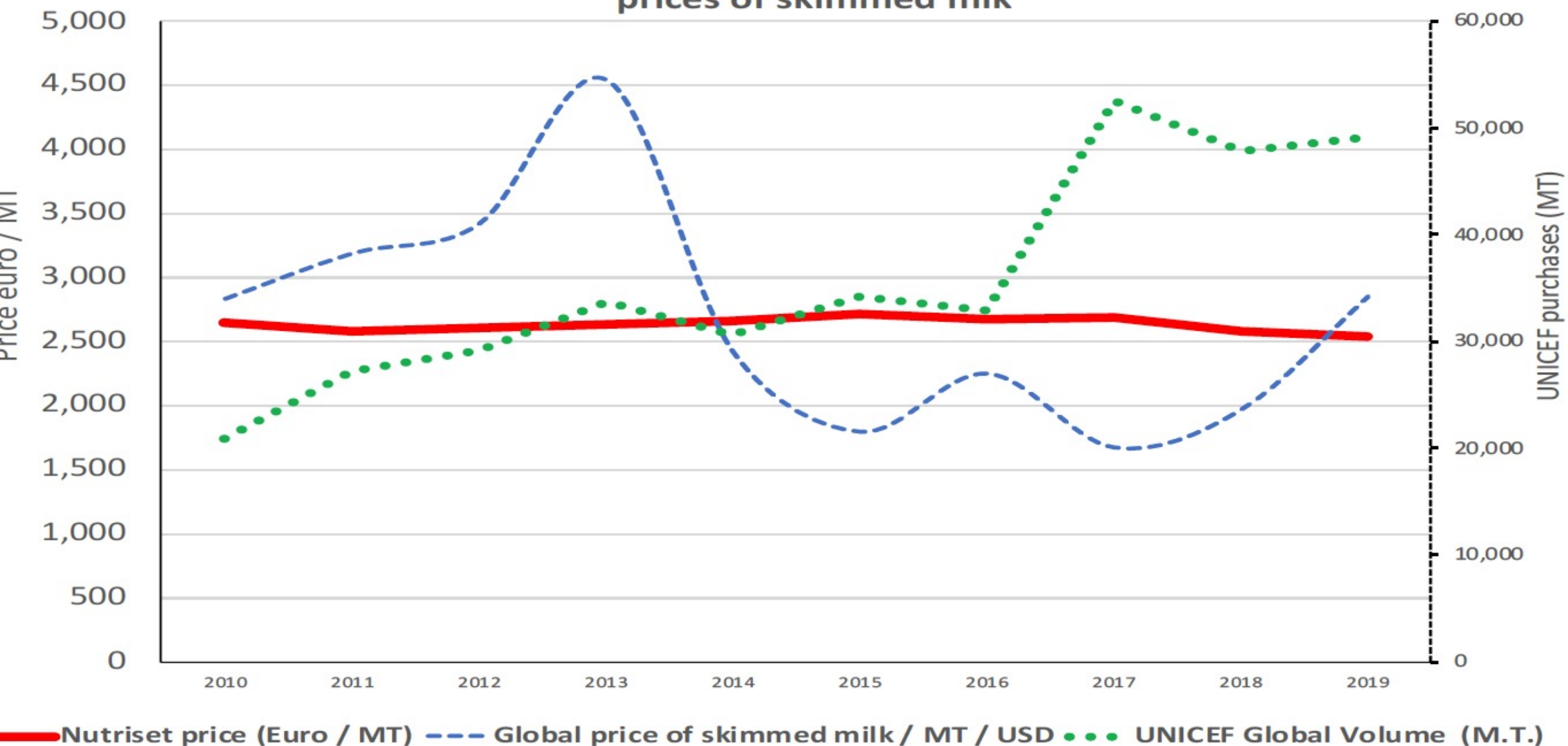


Economies of scale in the commercial production of the amino acid mix will further decrease these costs in the future

Based on October 2020 global skimmed milk prices, ingredient costs for SMS-RUTF in Malawi are > 40% lower than for milk-based RUTF

(Source <https://www.globaldairytrade.info/en/product-results/skim-milk-powder/>)

Nutriset factory gate RUTF price in euro, volumes of RUTF purchased & prices of skimmed milk



Source UNICEF

In 2020, the barriers we face in are more entrenched and difficult to overcome than in 2001

INSIDE DEVELOPMENT | FUTURE OF FOOD SYSTEMS

Despite pressure, WHO review keeps status quo malnutrition treatment

By **Teresa Welsh** // 19 March 2021

Global Health

Research

Agriculture & Rural Development

WHO



Mulugeta Ayene / UNICEF Ethiopia / CC BY-NC-ND

<https://www.devex.com/news/despite-pressure-who-review-keeps-status-quo-malnutrition-treatment-99398>

- Nobody with knowledge of amino acid enhanced plant-based RUTF recipes was allowed to participate
- Data on cost reduction was not shared with the review committee
- The cost effectiveness evaluation was deliberately not commissioned
- The meta-analysis approach dragged down the effectiveness by including non-amino acid enhanced recipes that we had rejected because they didn't work.

#CMAM21

To improve treatment access and acceptability
CTC focused on main factors limiting impact

- Coverage & cost
- Community participation / engagement
- Simplicity of implementation

Thank you

For more information, please visit www.validnutrition.org

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