

Reducing micronutrient deficiency together with our partners

Louisa van den Broek
VP Nutrition, Health, and Social Impact

March 25, 2025

dsm-firmenich 



Malnutrition impacts the most vulnerable

Today, over 2 billion people suffer from micronutrient deficiencies. Women and children are affected the most

45%

of child deaths are caused by malnutrition

1.2bn

women of reproductive age

372mn

pre-school aged children suffer from deficiencies in at least 3 micronutrients

And direct health impact limits **productivity**:

2-5%

of GDP of low- and middle-income countries are affected by micronutrient deficiencies

113bn

globally in income losses due to anemia in women of reproductive age

We have solutions to help address this



Infants and toddlers

1 in 2 preschool-aged children are affected by hidden hunger



Women

2 in 3 women worldwide are affected by micronutrient deficiencies



Families and elderlies

Micronutrient deficiencies resulting in increased morbidity and mortality and affecting human potential worldwide



Tailored premixes for solutions in emergency settings to treat and prevent moderate to severe malnutrition



Micronutrient powders with key nutrients for children ready to market in sustainable packaging format



Multiple micronutrient supplements for pregnant and lactating women ready to supply from and to continents



Fortified kernels making rice more nutritious and filling nutritional gaps in target populations all over the world



Tailored premixes to fortify staple foods like flour, edible oil or sugar to decrease nutritional deficiencies in target populations

Playing our part, while future-proofing our business

Enabling business, creating a future consumer base, and thought leadership

Good business

We reach 620 million people

By making our nutritional intervention solutions such as fortified rice or MMS the standard (in food distribution, public health programs and social safety nets), we grow the market for our products. In 2024 we reached 620 million people with our solutions

Future-proofing

We open the door to the future megacities of the world

Today Africa hosts 3 megacities (with more than 10 million inhabitants). The continent is expected to have 7 megacities by 2050. It also hosts some of the fastest growing economies of the world

Strengthening our company

25% of new joiners rate purpose among their top 3 reasons to join

Our work to close the micronutrient gap is strengthening our company: it helps attract and retain talent, and strengthens relevant relationships to further broaden our impact

Bringing our science-based solutions to low- and middle-income countries (LMICs), to vulnerable communities and vulnerable consumers

But we need systems change and strategic partnerships

Our world faces multiple challenges that are interconnected and exacerbating each other

And not one player can solve it alone. We need to leverage the complementary competencies of all sectors and form strategic partnerships



Climate change



Nutrition & health



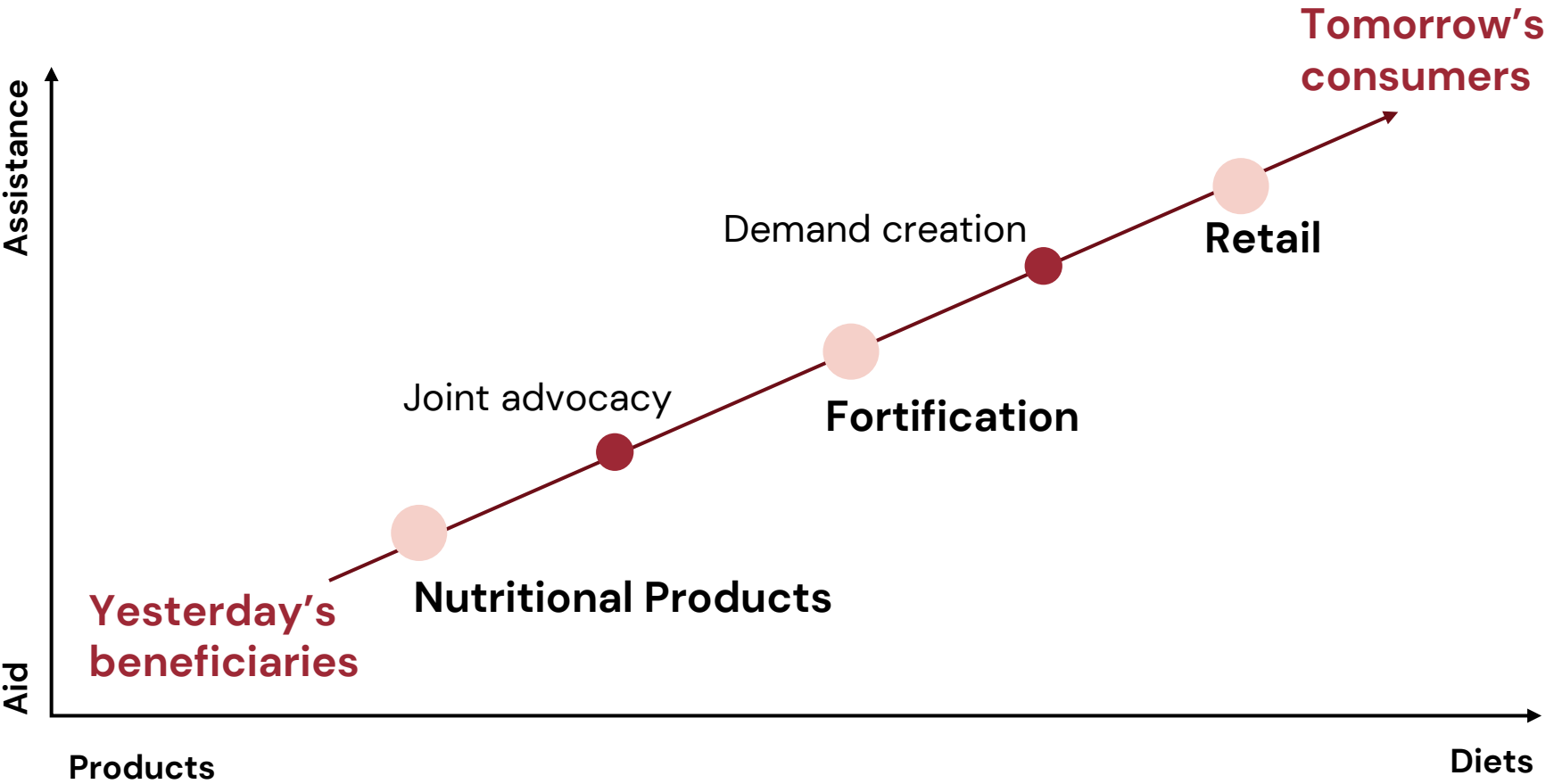
Food security



Economic & social disparities



Our long-standing partnership with WFP



Improve nutrition. Drive progress.

Today's partnership vision:

Scaling up access to sustainable, affordable and healthy diets through catalytic models and innovation for improving the quality of and demand for nutritious foods

Outcomes we drive for in 2025–2027

Reaching the most vulnerable at scale

Increased integration of fortified staples into institutional demand and humanitarian programs for greater reach

Quality for impact

Ensuring that fortified foods, particularly rice, maintain the highest quality and nutritional standards to ensure public health impact

What is next?

Continue to drive new innovations and deploying them at scale to improve access to sustainable, affordable and healthy diets to further address micronutrient deficiencies in the most vulnerable populations



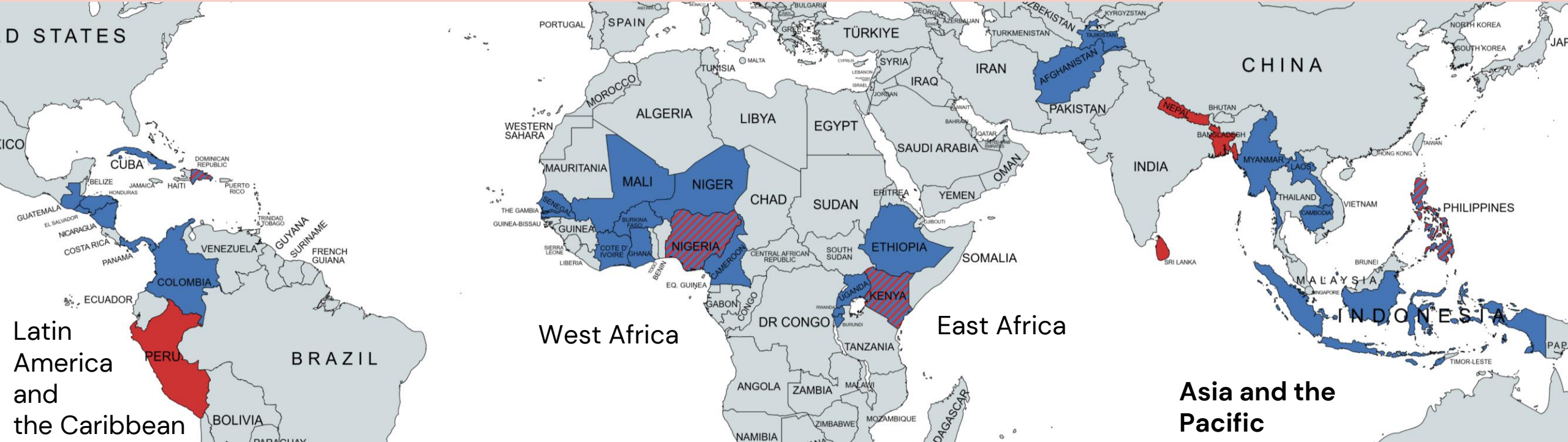
dsm-firmenich



WFP
World Food Programme

Improve nutrition. Drive progress.

Partnership footprint – 4 regions, 32 countries



Legend

- Reaching the most vulnerable
- Quality for impact
- Reaching the most vulnerable AND Quality for impact

Improve nutrition. Drive progress.

Achievements and targets



WFP country programs reach

20mn+

Reaching 20.5 million people through rice fortification and retail projects in the context of WFP country programs

63mn+

The aim is to reach more than 63.1 million people through rice fortification and projects in the context of WFP country programs by 2027

Reach of our nutrition improvement solutions

620mn

Through our nutrition improvement products, we reached 620m beneficiaries with our high-quality nutritional intervention solutions

1bn

We aim to reach 1bn people by 2030 with our high-quality nutritional intervention solutions to address micronutrient deficiency

We bring progress to life