

# Hidden Hunger affecting more than 3 billion people



**2 in 3 Women\*** & **1 in 2 Children\*\***

...are **Micronutrient Deficient** - lacking **vitamin A, iron, zinc, or folic acid**, putting them at risk of a **weak immune system, slow growth and low productivity**

**9 in 10 Women** ...in several countries in **South Asia and Sub-Saharan Africa** have at least one **Micronutrient Deficiency**

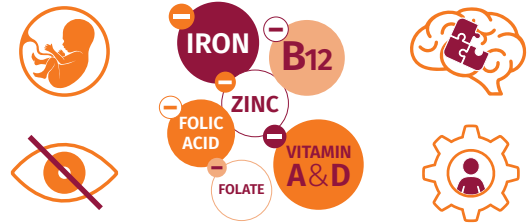
Even high-income countries have **high levels of micronutrient deficiencies**, however **Africa and Asia** are the regions more affected

## Women with at least one Micronutrient Deficiency

**1 in 2 UK Women** & **1 in 3 US Women**

**IRON**  
**1 in 5 UK & US Women** Iron Deficiency

## Impact of Micronutrient Deficiencies



Severe consequences: **birth defects, blindness, reduced growth, cognitive impairment, decreased school productivity, and even death**

## Proven cost effective solutions to be scaled up to close the micronutrient gap

### Staple Food Fortification



Fortified rice



Fortified staple food (flour, oil, salt)

### Multiple Micronutrient Supplements (MMS)



For **pregnant women**

### Micronutrient Powders (MNPs)



For **children and vulnerable populations**

At DSM we are committed and engaged to enable the micronutrient gap of 800 million vulnerable people to be closed by 2030. We can provide proven cost effective solutions and technical support for our public and private partners. Together, we can deliver high quality nutrition interventions everywhere they are needed to achieve maximum impact.

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**Reference:** Stevens GA, Beal T, Mbuya MNN, Luo H, Neufeld LM. Micronutrient deficiencies among preschool-aged children and women of reproductive age worldwide: a pooled analysis of individual-level data from population-representative surveys. The Lancet Global health. 2022;10(11):e1590-e1599.

\*Women = Non-pregnant women of reproductive age  
\*\*Child = Preschool-aged children