



INDONESIA PROGRAMS



NUTRITION INTERNATIONAL IN INDONESIA

Indonesia has some of the most troubling nutrition statistics globally, with a high triple burden of malnutrition, or the coexistence of undernutrition, overweight, and micronutrient deficiencies (Haddad et al, 2015). About one in four children under five are stunted (SSGI 2021), while a further 8% are overweight (Risksdas 2018). Approximately one in four adolescent girls are anaemic, while the prevalence of anaemia among pregnant women stands at 48.9% (Risksdas 2018). Malnutrition costs Indonesia more than US \$5 billion annually due to lost productivity as the result of poor education standards and diminishing physical capability (WFP 2010).

Since 2006, Nutrition International has been a key ally of the Government of Indonesia in implementing health and nutrition initiatives for communities in vulnerable situations. Nutrition International advocates for greater attention and resources for micronutrient programming and provides funding and technical assistance to the government for the design and implementation of nutrition programs, seeking to make them more efficient and integrated within the health system, and sustainable for long-term reach and impact.

In close coordination with government partners in Indonesia, Nutrition International develops and implements nutrition interventions to support and respond to the priority nutrition programs of the government's National Medium-Term Development Plan 2020-2024, National Action Plan for Stunting Reduction (RAN PASTI), and National Strategy to Accelerate Stunting Reduction (Stranas Stunting). Nutrition International has also been active in furthering the agenda of the global Scaling Up Nutrition Movement in Indonesia, which aims to promote action and investment to improve maternal and child nutrition.

Nutrition International's government partners include the Ministry of Health, Ministry of Education and Culture, Ministry of Religious Affairs, Ministry of Home Affairs, Ministry of Industry, Ministry of Trade, National Development Planning Agency (BAPPENAS), Indonesia Nutrition Foundation for Food Fortification (KFI), wheat flour milling industry and the Flour Miller's Association (APTINDO), Association of Iodized Salt Producers (APRGAKOB), Food and Drug Agency (BPOM), and provincial and district health, education, industry and trade offices.



PRIORITY PROGRAMS AND GEOGRAPHIC COVERAGE

As illustrated in the map below, Nutrition International's priority objectives in Indonesia include:

- Increasing national coverage of vitamin A supplementation
- Establishing a national zinc supplementation program for treatment for childhood diarrhoea
- Increasing consumption of adequately fortified wheat flour by all populations
- Increasing the number of households consuming adequately iodized salt
- Increasing the number of pregnant women and adolescent girls receiving and consuming weekly iron and folic acid supplements and taking them properly and in a sustained manner
- Improving wheat flour fortification standards, legislation, and quality control to reduce risks of iron-deficiency anaemia and folate deficiency among women and adolescent girls
- Providing technical assistance to government for scaling up nutrition programs in Indonesia as a member of the Scaling Up Nutrition (SUN) Movement

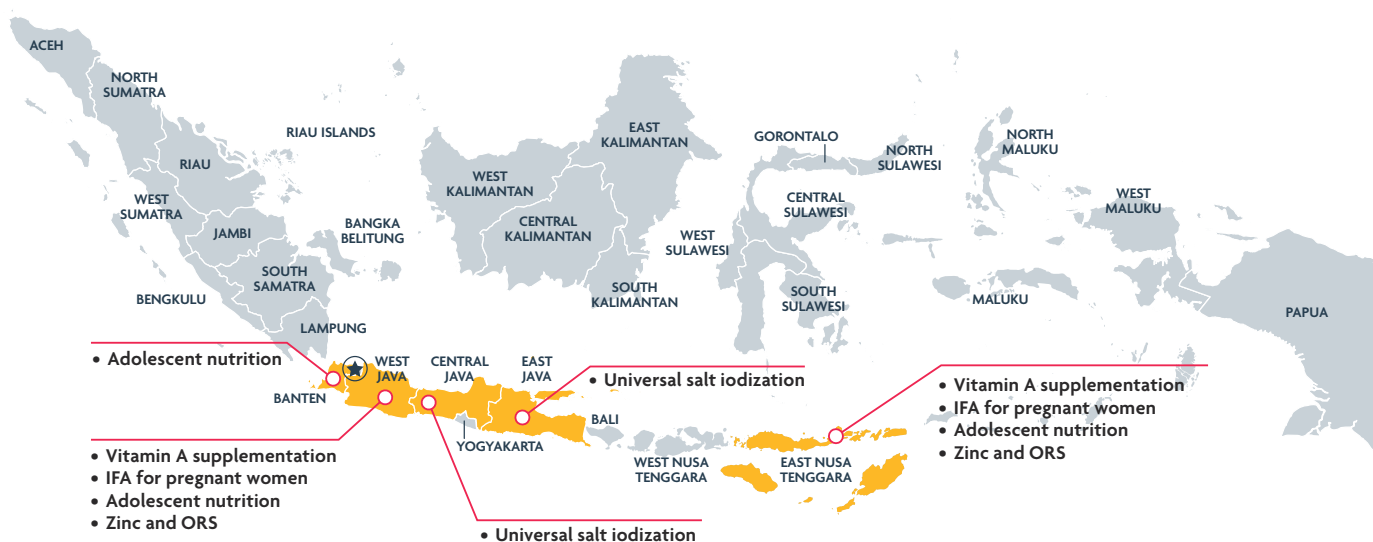
Nutrition International's work in Indonesia

NATIONAL PROGRAMS SUPPORTED BY NUTRITION INTERNATIONAL

- Vitamin A supplementation
- Wheat flour fortification
- Rice fortification

SUBNATIONAL PROGRAMS SUPPORTED BY NUTRITION INTERNATIONAL

- Iron and folic acid supplementation for pregnant women
- Adolescent nutrition education and weekly iron and folic acid supplementation for adolescent girls
- Zinc supplementation for treatment of childhood diarrhoea
- Universal salt iodization





CURRENT PROJECTS

VITAMIN A SUPPLEMENTATION

Nutrition International has been supporting the vitamin A supplementation (VAS) program in Indonesia since 2006. Our technical assistance focuses on supply chain management, capacity building of health managers and workers on standardization of target population estimations, micro-planning, needs assessments, monitoring and supervision.

At the subnational level, Nutrition International collaborates with health service providers and frontline health workers to ensure that the supply and distribution of vitamin A capsules and the program implementation are effective. Nutrition International also provides support to the national government to integrate the VAS program with maternal and child health and nutrition programs, while improving the quality of vitamin A capsules to align with the revised national specifications.

Nutrition International also plays a key role in advocating for strengthening the commitment to prioritize budget for the VAS program, improving VAS supply chain management, enhancing the behaviour change intervention (BCI) strategy and materials on VAS, and improving the data quality for effective program implementation.

From 2010 to 2016, Nutrition International's involvement in the VAS program focused on the low-performing districts in six provinces with high mortality: North Sumatera, South Sumatera, Riau, West Nusa Tenggara, Banten, and West Java.



CURRENT PROJECTS



IRON AND FOLIC ACID SUPPLEMENTATION FOR PREGNANT WOMEN

Since 2015, Nutrition International has been working in the provinces of West Java, Banten, West Nusa Tenggara, East Nusa Tenggara, and Riau Indonesia to address iron deficiency anaemia during pregnancy through the iron and folic acid (IFA) supplementation program for pregnant mothers, which aims to increase the number of pregnant women receiving and consuming IFA supplements properly and timely.

Nutrition International focuses on strengthening the government's commitment towards integrating IFA supplementation into other public health and nutrition programs, customizing training and BCI strategies for health workers for effective counselling, streamlining the IFA supply chain, and supporting program monitoring and supervision at district, provincial and national levels. Nutrition International provides national-level technical assistance to improve the IFA formulation, and advocates for adequate IFA supplies and changing the packaging of IFA supplements to an attractive blister pack.



ADOLESCENT NUTRITION

Since 2006, Nutrition International has provided technical and financial support to the Government of Indonesia to improve adolescent girls' nutritional status, prevent anaemia and reduce the prevalence of stunting.

Work on weekly iron and folic acid supplementation (WIFAS) and nutrition education started as a pilot program implemented in public, private and religious schools, through the health school program (UKS/M), in two districts of West Java. The pilot program highlighted the importance of cross-sectoral collaboration between different ministries to improve the awareness of WIFAS and nutrition education to address adolescent health in Indonesia.

The success of the pilot program encouraged Nutrition International to scale it up to more than 35 districts in West Java, East Nusa Tenggara and Banten with the support of various donors. The aim of the initiative is to make WIFAS and nutrition education part of the school-based program to increase the coverage and consumption of IFA supplements by adolescents.



ZINC AND LOW-OSMOLARITY ORAL REHYDRATION SALTS FOR TREATMENT OF CHILDHOOD DIARRHOEA

Nutrition International has collaborated with the Government of Indonesia to reduce child death due to diarrhoea through treatment using zinc and low-osmolarity oral rehydration salts (LO-ORS). Nutrition International work includes the promotion of zinc and LO-ORS for treatment of childhood diarrhoea, integration of zinc and LO-ORS in the management of childhood illness and other programs, capacity building of healthcare staff, BCI, streamlining the supply of zinc supplements and LO-ORS, and program monitoring and supervision at the district and provincial levels.

Nutrition International currently supports West Bandung and Sumedang districts in West Java, and Kupang and Timor Tengah Utara districts in East Nusa Tenggara. Nutrition International has also supported the provinces of West Nusa Tenggara and Banten in strengthening this program.



CURRENT PROJECTS



FOOD FORTIFICATION

Wheat flour fortification

To reduce the risk of iron deficiency anaemia and folate deficiency in women and adolescent girls, Nutrition International works with the Government of Indonesia to strengthen the national wheat flour fortification program. Nutrition International's technical assistance includes making evidence-based recommendations for aligning wheat flour fortification standards to global best practices, improving legislation and its enforcement, and quality control and quality assurance in the industry.

Nutrition International has been instrumental in successful advocacy with the Ministry of Health and other key partners to align Indonesia's wheat flour fortification standards with global best practices. As a result, the use of elemental/electrolytic iron was banned, and it was agreed that the micronutrient premix for fortifying wheat flour will comply with World Health Organization guidelines. Nutrition International has also supported wheat flour millers and government inspectors for quality control as per the revised fortification standards in the country.

Salt iodization

As part of its technical assistance to the universal salt iodization (USI) program, Nutrition International has partnered with the provincial and district governments, industry and trade offices, salt processors, and UNICEF to support small-scale salt processors in setting up quality control measures, on-site monitoring of iodine levels in salt, upgrading of salt processing equipment for large processors, developing economically-viable business models, and developing village level USI monitoring. Nutrition International's support has also helped strengthen small-, medium- and large-scale processors by improving their capacity to complete the iodization process, improve quality control, and access to the required potassium iodate.

Rice fortification

Rice is the largest staple food in Indonesia. In 2020, rice consumption reached 94 kg per capita. Rice is very suitable for fortification, especially with iron, which can help to address anaemia in the country. Nutrition International, in collaboration with the World Food Programme, has implemented several national activities to advocate with the Government of Indonesia on rice fortification.

Nutrition International is working to improve the existing rice fortification landscape, including reviewing and updating the rice fortification landscape analysis to understand the rice fortification value chain and the percentage of industrially-milled rice in the country, mapping the partners and stakeholders ecosystem, and identifying a successful business model to scale up rice fortification in the country. Nutrition International also plans to influence rice millers to start fortification, as well as determine the potential for fortified rice kernel production.

OUR IMPACT

INTERVENTION	REACH
Additional people reached with adequately iodized salt	94 million
Additional people who gained access to fortified wheat flour	133 million
Adolescent girls consuming full WIFAS scheme	290,000
Additional children under five who received two doses of vitamin A	3 million





NUTRITION GOVERNANCE

Nutrition International is the coordinator of the Scaling Up Nutrition Civil Society Alliance (SUN CSA) in Indonesia. In this role, Nutrition International works to establish and activate subnational civil society networks to catalyze community engagement and social accountability to integrate and deliver actionable nutrition plans and interventions with a focus on women, children, and adolescents. Through the SUN CSA, Nutrition International contributed to the development of the National Action Plan for Food and Nutrition Strategy synchronized with the Stranas Stunting, the Healthy Living Community Movement, and the National Strategy for Gender Mainstreaming through Gender-Responsive Planning and Budgeting. Nutrition International also carried out activities at the national and subnational levels to improve coordination among the members of the SUN CSA, build their capacity in nutrition planning and budgeting, and strengthen advocacy efforts for nutrition interventions.