

## SCN Working Group on Micronutrients: Information Sharing Template for 2006 and Earlier Activities

**Table 1: Demographic Information**

Reporting Individual	Moesijanti
Institution/Organization	Koalisi Fortifikasi Indonesia (KFI)
Contact address (Email)	kfi01@indosat.net.id
Position	Staff
Major focus of activities	Support to others, Research, Policy/Advocacy, Programming/Interventions
Summary of Activities	In 2006 GOI will conduct national micronut def. survey in 13 provinces to update current data esp. on VAD. From 2006-2008, GOI with funding aid fro Japanese Grant and ADB will develop local sprinkles with multiple micronutrients, piloting vitamin A fortification in cooking oil, and strengthening the QC capability for fortified wheat flour.

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**Table 2: Measurement, assessment, monitoring and reporting micronutrient deficiencies:**

Geographic area(s) covered by this table	<ul style="list-style-type: none"> <li>• Survey of Micronutrient Problems that conducted in 13 provinces in year 2006 by NFRDC (MOH)</li> <li>• National Survey of Iodized Salt consumption at household level that conducted in 30 provinces in year 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2005 by CBS</li> <li>• National Evaluation Survey on IDD status year 2003 by IIDC Project (IBRD Loan 4125-IND)</li> <li>• Health and Nutrition Surveillance System in 9 provinces 1998-2002 by HKI</li> <li>• Studies on oil fortification for vitamin A and multi micronutrient fortificant in North Jakarta and South Makassar funded by JFPR conducted by MOH and KFI</li> <li>• Surveys in Emergencies areas for anemia in NAD, East Nusa Tenggara West Nusa Tenggara and North Sumatera conducted by MOH, WFP, UNICEF</li> </ul>														
Supporting Agencies	UNICEF, WFP, KFI, HKI, MI, ADB, WB														
	<b>Micronutrients</b>														
	<b>Iodine</b>	<b>Iron</b>	<b>Folate</b>	<b>Zinc</b>	<b>Calcium</b>	<b>Vit A</b>	<b>Vit B-12</b>	<b>Vit C</b>	<b>Vit D</b>	<b>Vit B-1</b>	<b>Vit B-2</b>	<b>Vit B-3</b>	<b>Vit B-6</b>	<b>Vit K</b>	<b>Vit E</b>
<b><u>Activities</u></b>															
<b>Prevalence Assessment</b>	<b>X</b>	<b>X</b>		<b>X</b>		<b>X</b>									
TGR 11.1% (School Children, 2003), UIE < 100µg/L 16.3%; UIE level > 300 µg/L 35.4% (School Children, 2003), Anemia: 25% (Underfive, 7 provinces-2006), 40% (pregnant women, 2001) 29% (WORA, 2001), Status of Zinc of under five 30% (7 provinces, 2006), Serum retinol status (<20 µg/dl) 12% (7 provinces, 2006), Xerophthalmia (X1B) 0.17% (7 provinces, 2006)															
<b>Training/Capacity Building</b>						<b>X</b>									
Surveillance, Planning and Advocacy for district staffs in 47 districts 2003-present															
<b>Monitoring and Evaluation</b>	<b>X</b>	<b>X</b>	<b>X</b>			<b>X</b>									
Vitamin A distribution twice a year, Iron/Folate tablets distribution four times a year															
<b>Analysis and Reporting</b>	<b>X</b>	<b>X</b>	<b>X</b>			<b>X</b>									
Iodized salt consumption annually, Vitamin A capsule distribution twice a year, iron/folate tablet four times a year															

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**Table 3: Food Fortification**

Geographic area(s) covered by this table	National for Iodized salt, National for Flour Fortification (Iron, etc)														
Project Name	Government Project (MOH, FDA, MOI)														
Supporting Agencies	UNICEF, Private Sector, KFI														
Approximate # of subjects or beneficiaries for each project described	F.Wheat 60% population I.Salt 73% HH														
	<b>Micronutrients</b>														
	<b>Iodine</b>	<b>Iron</b>	<b>Folate</b>	<b>Zinc</b>	<b>Calcium</b>	<b>Vit A</b>	<b>Vit B-12</b>	<b>Vit C</b>	<b>Vit D</b>	<b>Vit B-1</b>	<b>Vit B-2</b>	<b>Vit B-3</b>	<b>Vit B-6</b>	<b>Vit K</b>	<b>Vit E</b>
<b><u>Commodities</u></b>															
<b>Salt (as a mandatory activity)</b>	X														
<b>Flour</b>		X	X	X						X	X				
<b>Cooking Oil (as a voluntary activity)</b>						X									
<b>Margarine</b>						X									
<b>Complementary food :</b>															
1. Porridge	X	X	X	X	X	X	X	X	X	X	X		X	X	X
2. Biscuit	X	X	X	X	X	X	X		X	X	X	X	X		X
<b>Other (list)- Sprinkles is under development</b>						X	X	X	X	X	X		X	X	X
<b><u>Activities</u></b>															
<b>Policy and Advocacy</b>	X	X	X												
National Regulation, Local Regulation for Iodized Salt Consumption (33 district available), National Standard for Iodized Salt and Flour															
<b>Operational Research</b>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Multi micronutrient fortificant, cooking oil of vitamin A, Flour Fortification for QC															
<b>Communication Support</b>	X	X	X			X									
Mass campaign for Iodized salt consumption, vitamin A capsule and Iron/folate tablet															
<b>Marketing Support</b>	X														
Iodized salt consumption campaign supported by NGO, Woman Organization, Local Government															

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**Table 3 (continued) Food Fortification:**

	Micronutrients														
	Iodine	Iron	Folate	Zinc	Calcium	Vit A	Vit B-12	Vit C	Vit D	Vit B-1	Vit B-2	Vit B-3	Vit B-6	Vit K	Vit E
<b>Activities Cont.)</b>															
<b>Provision of Fortification Equipment</b>	X														
Iodized salt for small scale and demplot. Laboratory equipment for flour fortification and iodized salt															
<b>Provision of Fortification Supplies</b>	X														
KIO <sub>3</sub> ,															
<b>Fortification Monitoring and Evaluation</b>	X	X	X	X						X	X				
Check/control/test for iodized salt and flour by FDA															
<b>Quality Assurance/ Quality Control for fortified foods</b>	X	X	X	X						X	X				
<b>Fortification project size</b>															
<b>Efficacy Trials</b>		X													
<b>Pilot Interventions</b>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Cooking oil, Multi Micronutrient fortificant															
<b>National/Regional Program</b>	X	X	X	X						X	X				
Iodized salt and Flour															
<b>Emergency Area</b>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sprinkle, soy sauce fortified by iron, complementary feeding (Biscuit), Noodles															
<b>Targeted Fortification</b>															
<b>In-home fortification (complementary foods)</b>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Complementary feeding distribute for malnourish 6-24 months targeted for poor families															
<b>Commercial complementary foods:</b>															
<b>1. Porridge</b>	X	X	X	X	X	X	X	X	X	X	X		X	X	X
<b>2. Biscuit</b>	X	X	X	X	X	X	X		X	X	X	X	X		X
National coverage and available at stores															
<b>Emergency Groups: Complementary Foods:</b>															
<b>1. Porridge</b>	X	X	X	X	X	X	X	X	X	X	X		X	X	X

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2. Biscuit	X	X	X	X	X	X	X	X		X	X	X	X	X		X
Provided by Government and WFP																

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**Table 4: Vitamin and Mineral Supplementation:**

Geographic area(s) covered by this table	National															
Project Name	Government Project															
Supporting Agencies	UNICEF, HKI															
Approximate # of subjects or beneficiaries for each project described	Vitamin A capsule for under five and post partum women (total coverage), Iron/folate tablet for pregnant women (total coverage), Iodine capsule for WORA in severe and moderate endemic areas															
	<b>Micronutrients</b>															
	<b>Iodine</b>	<b>Iron</b>	<b>Folate</b>	<b>Zinc</b>	<b>Calcium</b>	<b>Vit A</b>	<b>Vit B-12</b>	<b>Vit C</b>	<b>Vit D</b>	<b>Vit B-1</b>	<b>Vit B-2</b>	<b>Vit B-3</b>	<b>Vit B-6</b>	<b>Vit K</b>	<b>Vit E</b>	
<b>Activities</b>																
<b>Prevention Program</b>	X	X	X			X										
Capsule/tablet distribution through health centre. Campaign material																
<b>Treatment Orientation</b>	X	X	X			X										
Training for provider at district health centre staffs																
<b>Supplementation project size</b>																
<b>Efficacy Trials</b>		X	X			X										
Iron tablet for WORA, and Iron syrup for under-five , vitamin A for post partum women																
<b>Community Effectiveness Trials</b>	X	X	X	X		X										
Small scales study for iron tablet, vitamin A capsule and iodine capsule																
<b>Pilot Interventions</b>	X	X	X	X		X										
Same as above																
<b>National/Regional Program</b>	X	X	X			X										

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See above (beneficiaries)																		
<b>Emergency Area</b>		X	X	X			X											
For treatment of measles, malaria and diarrhea																		

**Table 4: (continued) Micronutrient Supplementation**

		Micronutrients															
		Iodine	Iron	Folate	Zinc	Calcium	Vit A	Vit B-12	Vit C	Vit D	Vit B-1	Vit B-2	Vit B-3	Vit B-6	Vit K	Vit E	
<b>Activities Cont.</b>																	
<b>Supplement's Primary Distribution</b>																	
<b>Through Public Channels</b>		X	X	X			X										
Health centre, Posyandu (Integrated Community Nutrition Post), clinics																	
<b>Through NGOs</b>		X					X										
Woman Organization																	
<b>Through Private Channels</b>			X	X			X										
Clinics, stores																	
<b>Supplements Compliance Promotion</b>			X	X			X										
Mass campaign for vitamin A capsule, iron tablet (Leaflet, Booklet, poster etc)																	
<b>Supplements in Emergencies</b>			X	X	X		X										
Iron/folate and vitamin A capsule through NGO and health facilities																	
<b>Supplementation Monitoring/Evaluation</b>		X	X	X			X										
Reported by health staffs at health centre and districts levels (twice a year for vitamin A, iron/folate tablet four times a year, and annually for iodized salt)																	
<b>Supplement related Research</b>			X	X	X		X										
Small scales study conducted by Nutrition Research centre collaborate with universities																	
<b>Supplementation Targeted Groups</b>																	
<b>Women</b>		X	X	X			X										
Iodized Capsule and Iron Tablet are given to WORA; Vitamin A Capsule is given to post partum women																	
<b>Pregnant women</b>			X	X													
Iron/folate tablet																	
<b>Children 6-24 months of age</b>							X										
Vitamin A capsule twice a year																	
<b>Supplementation Targeted Groups (continued)</b>																	

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<b>Children 2 – 5 yrs of age</b>						<b>X</b>											
Vitamin A capsule twice a year																	
<b>Children in school</b>		<b>X</b>	<b>X</b>														
Primary and High School are voluntary iron/folate tablet																	

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**Table 6: Other Public Health Intervention Links**

Geographic area(s) covered by this table	National														
Project Name	Government														
Supporting Agencies	UNICEF, ADB, WB														
Approximate # of beneficiaries	Total population														
	Micronutrients														
	Iodine	Iron	Folate	Zinc	Calcium	Vit A	Vit B-12	Vit C	Vit D	Vit B-1	Vit B-2	Vit B-3	Vit B-6	Vit K	Vit E
<b>Activities</b>															
<b>Hookworm Control</b>		X	X												
For school children															
<b>Malaria Prevention and Control</b>		X	X												
Population at endemic areas															
<b>Polio/Immunizations</b>						X									
Underfive children immunize after vitamin A capsule distribution															
<b>School Nutrition/Health Programs</b>		X	X												
Iron/folate distribution at school integrated with school health services															
<b>Integrated Mgmt of Childhood Illness</b>						X									
For supporting treatment to severe malnourish children at health centres															
<b>Community/Rural Development</b>	X	X	X			X									
Community empowerment program															
<b>Baby Friendly Hospital Initiative</b>						X									
Vitamin A capsule for post partum women															
<b>Safe Motherhood</b>		X	X												
<b>Emergency Situations</b>				X											
Treatment for diarrhea for zinc tablet															