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NNEdPro Global Centre for Nutrition & Health, Cambridge

An award winning, international and interdisciplinary think-tank, training academy and knowledge network

Acknowledgements: Dr Minha Rajput-Ray (Medical Director) Jennifer Dean (Strategy) Rachel Keane (Intern) & Core Team
Aim

To develop a critical mass of self-sustaining knowledge, skills and capacity in Nutrition and Health, within the global healthcare and public health workforce, resulting in significantly improved health practices and outcomes.

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GODAN became a strategic partner in 2016 to ‘bridge the gap’ between agricultural and human nutrition, co-create a nutrition data and implementation strategy and build capacity.

In 2019 we plan further integration between GODAN and NNEdPro.
Conceptual Framework → Step-ladder from Food to Health...

GODAN-NNEdPro Open Data Gap Map

NUTRIENT QUALITY

FOOD PRODUCTION

WIDER DETERMINANTS

NUTRITIONAL KNOWLEDGE

NUTRITIONAL STATUS

HEALTH STATUS

GODAN-NNEdPro Open Data Implementation Arm

Mobile Teaching Kitchens for Nutrition, Education & Health
<table>
<thead>
<tr>
<th><strong>Highlights (2008-2018)</strong></th>
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I-KANN 25 – A NNEdPRO-GODAN INITIATIVE

Virtual International Knowledge Application Network in Nutrition

Value for Investment:
- £5.75M over 5y development phase
- +2y consolidation £2.3M
- 70% NNEdPro responsibility
- Quantifiable impact to >10 million lives in 5y
- Self-sustaining from 2025

Reduced hunger, disease & malnutrition

EVALUATE and ASSESS delivery methods and healthcare impact

ASSESS and IDENTIFY knowledge gaps

DEVELOP and DELIVER education and training interventions

COLLATE and SYNTHESIZE evidence

Improved global health & nutrition

Virtual International Knowledge Application Network in Nutrition

Improved global health & nutrition

<table>
<thead>
<tr>
<th>Data Driven Solutions</th>
<th>Knowledge to Action Cycle</th>
<th>Food Production / Waste</th>
<th>Nutrient Quality</th>
<th>Food Environment</th>
<th>Dietary &amp; Culinary Choices</th>
<th>Nutritional Status</th>
<th>Health &amp; Economic Outcomes</th>
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**Global Open Data**

<table>
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<tr>
<th>Information - Discussions</th>
<th>Awareness</th>
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<th>Knowledge - Decisions</th>
<th>Attitudes</th>
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<tr>
<th>Needs Assessment</th>
<th>Action!!!</th>
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<th>Education / Training / E-Learning</th>
<th>Action!!!</th>
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<th>Research &amp; Innovation</th>
<th>Action!!!</th>
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<tr>
<th>Advocacy / Policy / Practice</th>
<th>Action!!!</th>
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**Data Maps & Gaps:** e.g. Macronutrients / Micronutrients / Phytonutrients

**Primary Prevention**

- Health Promotion & Specific Protection of at-risk populations

**Secondary Prevention**

- Early detection & prompt intervention

**Tertiary Prevention**

- Rehabilitation & Disability Limitation

**People Skills & Capacity Building:** Empowerment, Education, Entrepreneurship, Employment
With Practitioners as ‘Knowledge Brokers’

I-KANN 25 will drive live curation of data, information and knowledge to inform policy and practice across 15 global hubs…

BMJ Nutrition, Prevention & Health

ONLINE OPEN-ACCESS
Let’s work together to curb malnutrition in all its forms by 2025…

Thank You!

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www.nnedpro.org.uk

The world faces a grave nutrition situation...

- 2 billion people lack key micronutrients like iron and vitamin A
- 155 million children are stunted
- 52 million children are wasted
- 2 billion adults are overweight or obese
- 41 million children are overweight

88% of countries face a serious burden of either two or three forms of malnutrition

And the world is off track to meet all global nutrition targets

...but the SDGs present an unprecedented opportunity for universal and integrated change.