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October
13 - 15, 2016
Munich,
Germany



EARLYNUTRITION

Long-term effects of early nutrition on later health



THE POWER OF PROGRAMMING 2016

*International Conference on Developmental Origins
of Adiposity and Long-Term Health*

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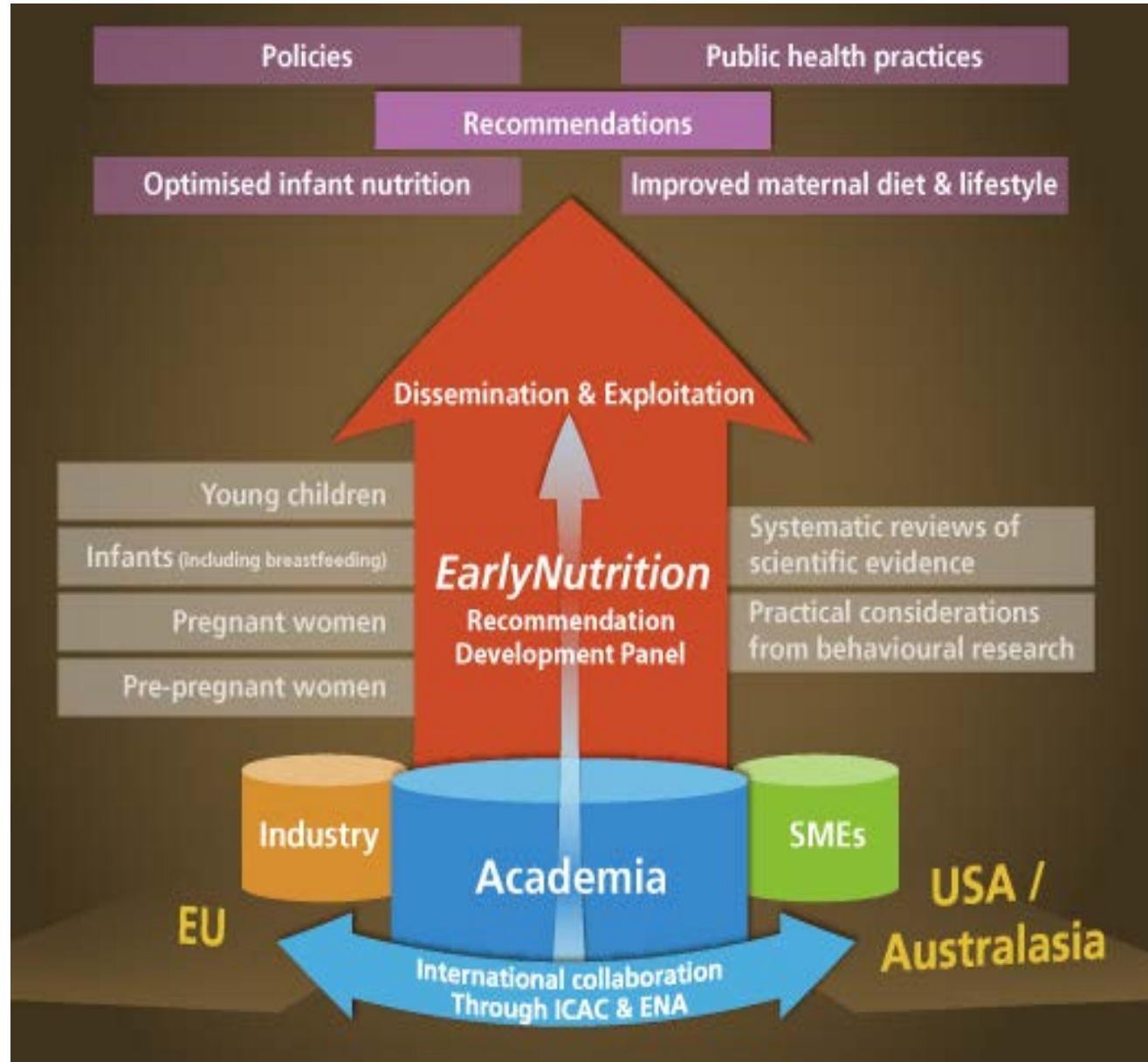
In collaboration with



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Translational application



Recommendation Development



1.

Existing Recommendations
have been screened and
resulted in

Systematic
Reviews

Systematic reviews



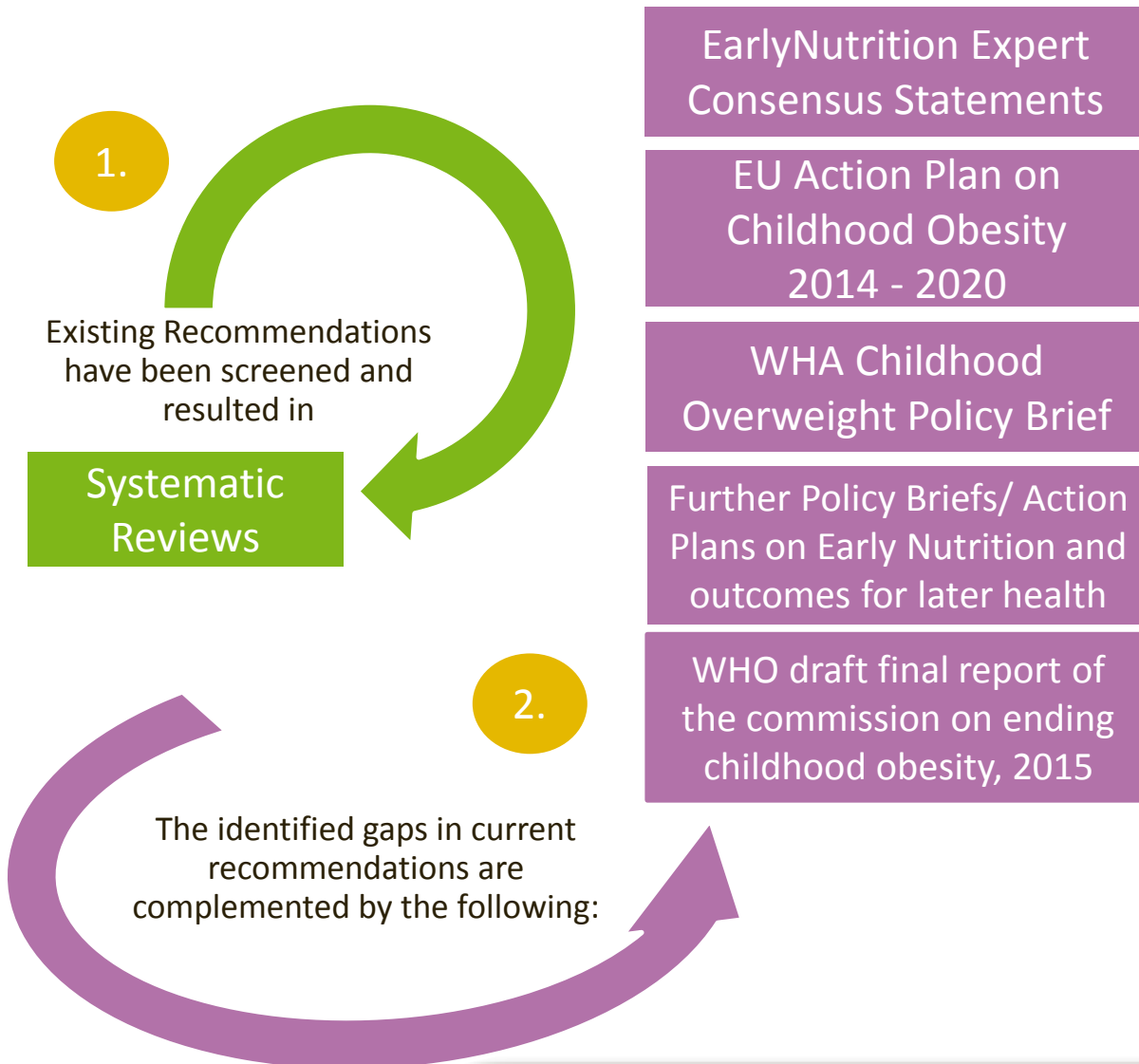
- de Waard M et al. Optimal Nutrition In Lactating Women And Its Effect On Later Health Of Offspring: A Systematic Review Of Current Evidence And Recommendations (Early Nutrition Project). Crit Rev Food Sci Nutr 2016
- Zalewski BM et al. Nutrition of Infants and Young Children (1-3 Years) and its Effect on Later Health: A Systematic Review of Current Recommendations. Crit Rev Food Sci Nutr 2015
- Patro B et al. Maternal and paternal body mass index and offspring obesity: a systematic review. Ann Nutr Metab 2013
- O'Brien CM et al. Systematic review of antenatal dietary and lifestyle interventions in women with a normal body mass index. Acta Obstet Gynecol Scand 2016
- Patro-Golab B et al. Protein Concentration in Milk Formula, Growth, and Later Risk of Obesity: A Systematic Review. J Nutr 2016

Systematic reviews

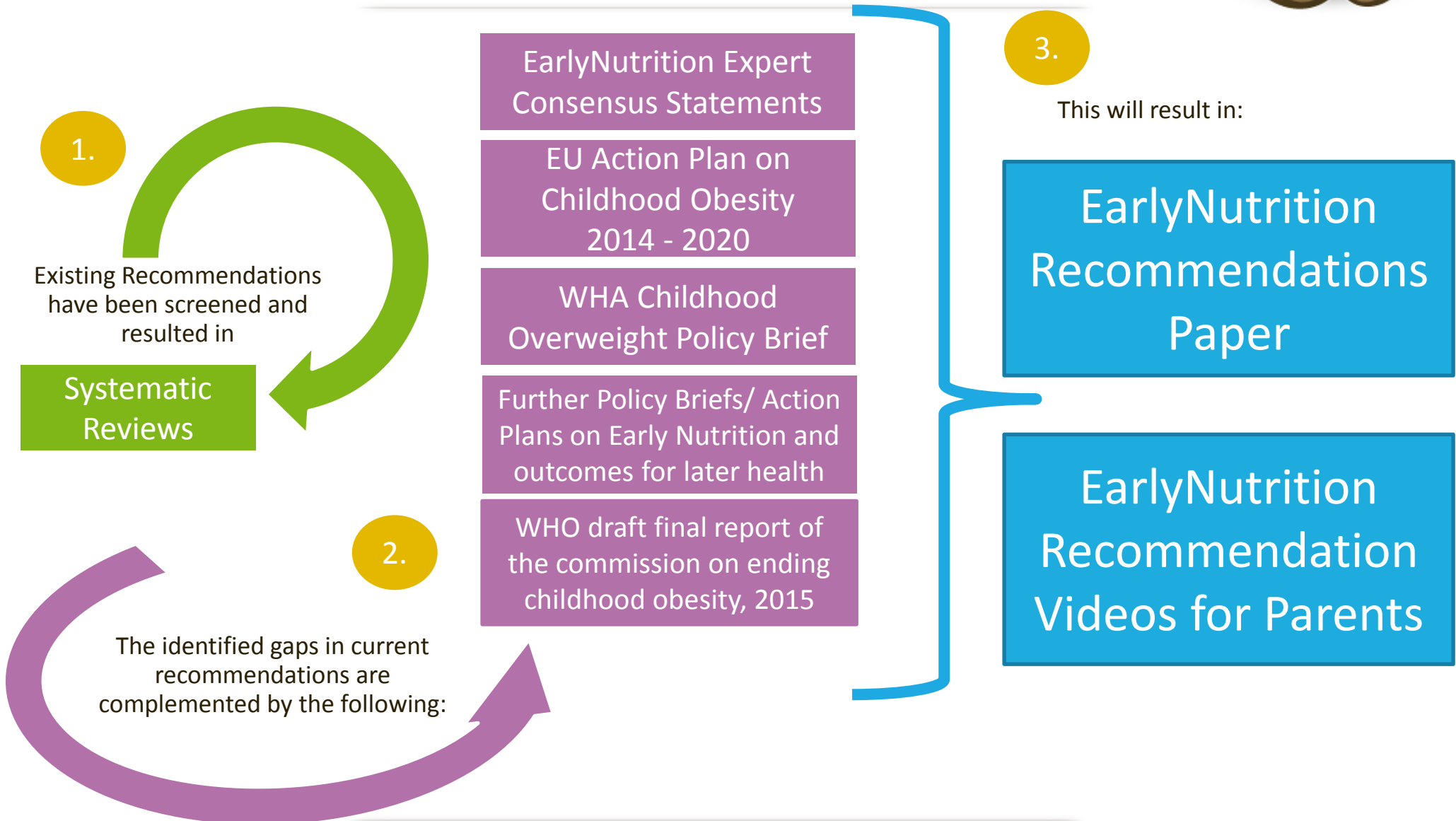


- Vucic V et al. Effect of iron intervention on growth during gestation, infancy, childhood, and adolescence: a systematic review with meta-analysis. Nutr Rev 2013
- Koletzko B et al. Current information and Asian perspectives on long-chain polyunsaturated fatty acids in pregnancy, lactation and infancy. Systematic review and practice recommendations from an Early Nutrition Academy workshop. Ann Nutr Metab 2014
- Patro-Golab B et al. Nutritional interventions or exposures in infants and children aged up to three years and their immediate and long-term effects on overweight, obesity and body composition: a systematic review of systematic reviews. Obesity Reviews, in press

Recommendation Development



Recommendation Development



Workshop Participants



Comité de Lactancia Materna



European Foundation for the Care of Newborn Infants



Fundacion Iberoamericana de Nutricion



European Society for Paediatric Gastroenterology Hepatology and Nutrition



Specialised Nutrition Europe



WHO



DOHaD Society: International Society for Developmental Origins of Health and Disease



Union of European Neonatal & Perinatal Societies (UENPS)



Nutrimenthe



Minerva



Toybox Study



Nutricia Research



Tommy's Centre for Maternal and Fetal Health



DALI Project: diabetes & pregnancy vitamin D and lifestyle intervention for gestational diabetes mellitus prevention



Early Nutrition



Workshop Participants



Name	Institution
Giuseppe Buonocore	UENPS (Union of European Neonatal & Perinatal Societies)
Angel Gil	FINUT (Fundación Iberoamericana de Nutrición)
Marta Diaz Gomez	Comité de Lactancia Materna
Mark Hanson	WHO scientific committee ending childhood obesity/ DOHaD
Joanna Klosowska	Specialised Nutrition Europe
Silke Mader	EFCNI (European foundation for the care of newborn infants)
Rebecca Reynolds	Univ Edinburgh: Tommy's Centre for Maternal and Fetal Health Research
Rhonda Smith	Minerva Communications

Workshop Participants



Name	EarlyNutrition Members on behalf of ...
Cristina Campoy	Nutrimenthe
Gernot Desoye	Dali (diabetes & pregnancy vitamin D and lifestyle intervention for gestational diabetes mellitus prevention)
Piotr Socha	ESPGHAN (European society for pediatric gastroenterology, hepatology and nutrition)
Yannis Manios	Toybox (Multifactorial evidence based approach using behavioural models in understanding and promoting fun, healthy food, play and policy for the prevention of obesity in early childhood)

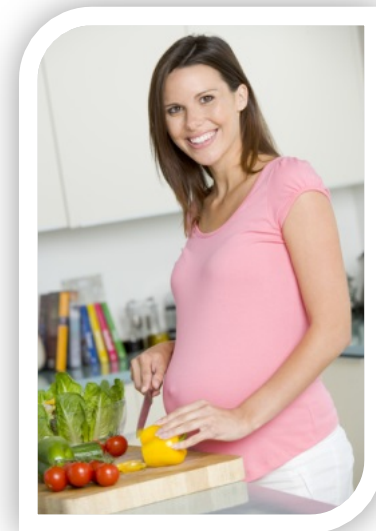
Name	Institution
Eline van der Beek	Nutricia Research
Vincent Jaddoe	Erasmus MC
Luisa Mearin	Leiden University Medical Center
Wendy Oddy	University of Tasmania Menzies Institute for Medical Research
Bernadeta Patro-Golab	Medical University of Warsaw
Ricardo Rueda	Abbott
Christina Sherry	Abbott
Hania Szajewska	Medical University of Warsaw
Bartek Zalewski	Medical University of Warsaw

Name	Institution
Hans Demmelmair	Ludwig-Maximilians University of Munich
Goiuri Alberdi	University College Dublin
Aisling Geraghty	University College Dublin
Joaquim Escribano	University of Rovira i Virgili
Veronica Luque	University of Rovira i Virgili
Martina Weber	Ludwig-Maximilians University of Munich
Hazel Inskip	University of Southampton
Jodie Dodd	University of Adelaide
Elvira Larque	University of Murcia
Paul Taylor	King's College London
V.W.V Jaddoe	Erasmus MC
Christina Sherry	Abbott
Taous Lasel	Danone Nutricia Research
Hans van Goudoever	VUmc
Keith Godfrey	University of Southampton
Lucilla Poston	King's College London
Berthold Koletzko	Ludwig-Maximilians University of Munich

Results of Workshop



- Submission of consensus recommendations from the Workshop in Granada to online voting by a broad group of stakeholders
- Consensus agreement on all recommendations on nutrition during pre-pregnancy (n=3), in pregnancy (9), breastfeeding women (2), and infants and young children (7)



DELPHI Consensus Process



- Submission of consensus recommendations from the Workshop in Granada to online voting by a broad group of stakeholders
- Total 65 voting participants
- Consensus (>75% agreement) for all 21 recommendations
(85-100 agreement for 16/21 recommendations)

Presentation of recommendations



Prof. Hans v. Goudoever,
University of Amsterdam, The Netherlands

