Health | Equity | Environment

Changing lifestyles and behaviours for healthier and more sustainable societies

European Public Health pre-conference, Stockholm, November 1, 2017

Monica Åberg Yngwe, PhD EuroHealthNet



The INHERIT project (2016-2019), coordinated by EuroHealthNet, has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 667364

INHERIT Health | Equity | Environment |



The INHERIT project (2016-2019), coordinated by EuroHealthNet, has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 667364

INter-sectoral Health and Environment **Research for InnovaTion**

> 4-year (2016-2019) Horizon 2020 research project

Consortium of 18 partners around Europe, coordinated by EuroHealthNet



#InheritYourFuture

What can we do today to ensure a sustainable future?

What will motivate and enable us to live and behave in ways that are better for us, the environment and society at large?

INHERIT Objectives

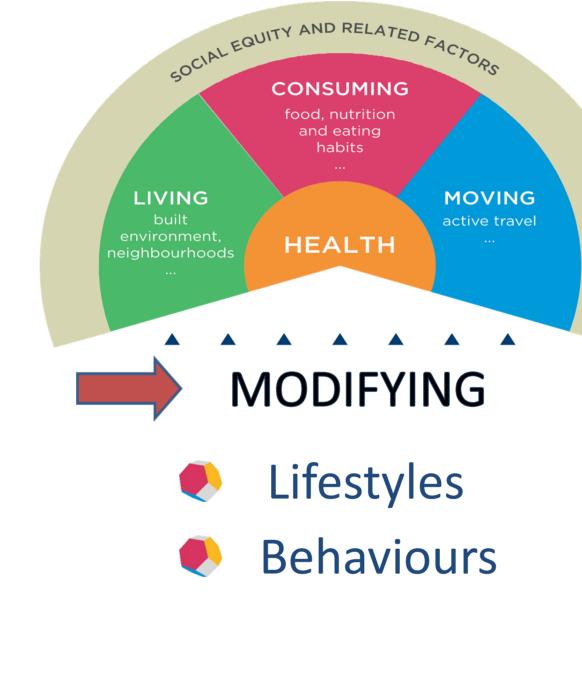
To define effective policies, interventions and innovations that promote environmental sustainability as well as the health and well-being of *all* European citizens, across the socio-economic gradient

Specific focus on:

- Encouraging lifestyle and behavior change across Europe
- Promoting more holistic approaches (interdisciplinary work and intersectoral collaboration)
- Equality in access and exposure to conditions that enable good health
- Contributing to the evidence of what is effective and could be transferred and scaled-up to have an impact

INHERIT Context

INTERSECTORAL POLICIES, INTERVENTIONS & INNOVATIONS





AIMING FOR A 'TRIPLE-WIN'

Environment

Health

Equity





#InheritYourFuture



LIVING

WHERE YOU LIVE MATTERS

Green space

Energy efficient

housing

MOVING

HOW YOU MOVE MATTERS

Active travel

CONSUMING

WHAT YOU EAT MATTERS

Food production, consumption and waste

INHERIT Partners









National Institute for Public Health and the Environment Ministry of Health, Welfare and Sport



UNIVERSITY OF ER



Norwegian University of Science and Technology





Folkhälsomyndigheten

BASQUE CENTRE FOR CLIMATE CHANGE Klima Aldaketa Ikergai









Federal Centre for **Health Education**











Baseline review & analysis Common analytical framework 50 promising practices Visioning & future scenarios



12 pilot studies

Impact assessment





INHERIT

Exploring triple-win solutions for living, moving and consuming that encourage behavioural change, protect the environment, promote health and health equity

> EXECUTIVE SUMMARY **INHERIT** Baseline Review

> > WWW.INHERIT.EU

http://www.inherit.eu/category/reports/





Baseline review & analysis Common analytical framework

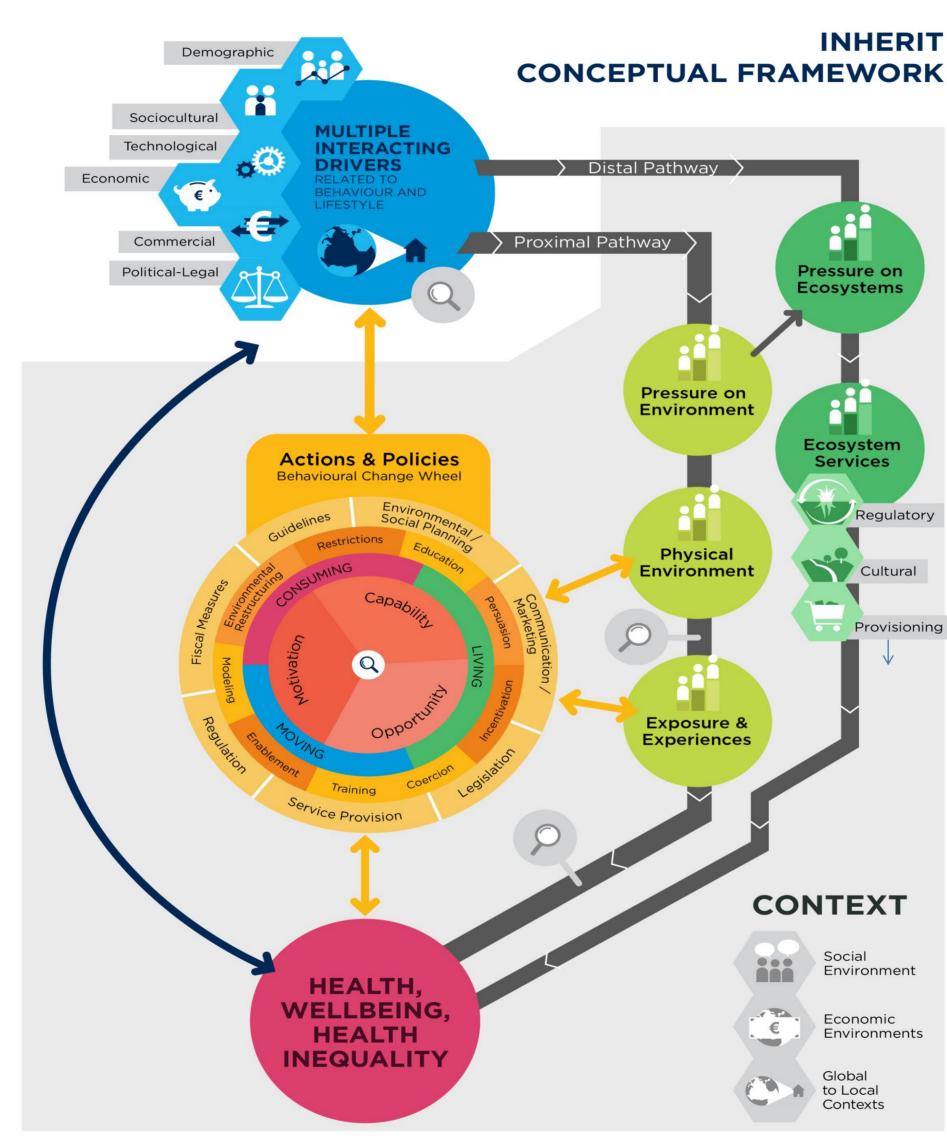
50 promising practices Visioning & future scenarios



12 pilot studies

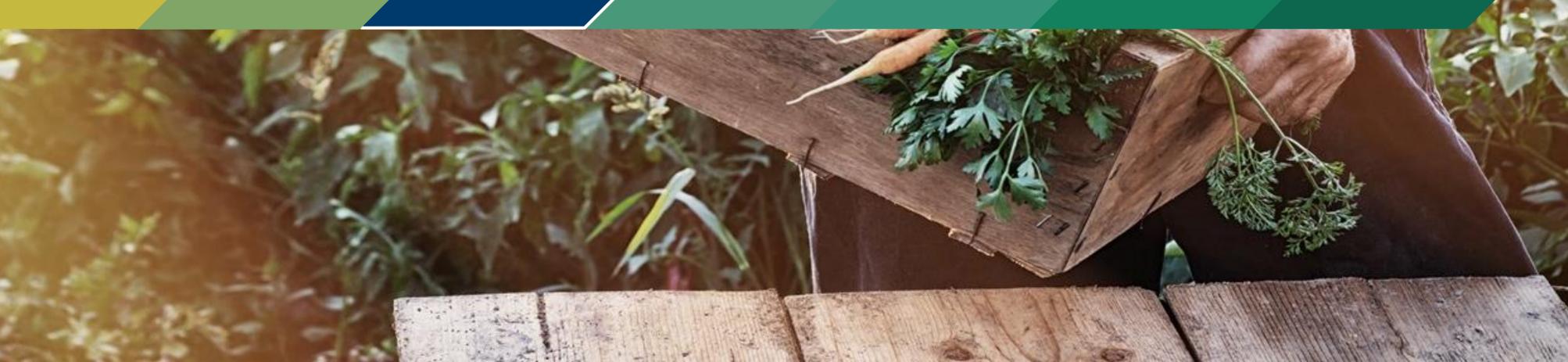
Impact assessment

The INHERIT Conceptual Model





Baseline review & analysis Common analytical framework 50 promising practices Visioning & future scenarios



12 pilot studies

Impact assessment

Promising Practices



				Ghent en garde – city o
Database- 97	7 entries	\sum		Brief Description
INHERIT	ABOUT PROJECT IDEAS MEDIA	RESOURCES Easy Bike - a bike sh	naring scheme	
Database		Brief Description	Easylike is a bicycle sharing system. It was first implemented by the was to promote usubiavable mobility in close, because the bacycle sha The practice included the imitalision of table statusor in a state parts of beins by paying a relatively small fee depending on the time they use mose by o.go furos for every thirty munits alternative, use to a ma suggested cycling rootes on maps next to the bies stateors, which in a steler roads to travel. The main goals of the practice are to promote m the physical activity and fitness levels of the local population and reducing car use and, by extension, the emission of pollutants.	aring system had not yet been well developed in Greace cities and the provision of bocycles. Citizens can use these the black the first Jomius are free of charge and the cost wimum of 3 hours of use in a single session). There are corporate sightseeing features and most convenient and one sustainable intendod of active travel in cities, increase
		Image European Countryfol Field Type	Creece Moving Cycling Intervention	PROVE - helping smi
ABOUT THIS DATABASE SEARCH Search	Found 97 Results Green belt and green area program in Vitoria-Gasteiz			Brief Description
EUROPEAN COUNTRY/COUNTRIES	GOSASUN – promoting healthy lifestyles initiative			Image European Country/Countries
 Belarus Belgium Bulgaria Croatia 	GOSASUN concrete initiative "Thinking Fadura" Irún Sasoian – promoting physical activity			Energiecoaches - free advice o
FIELD	UrbanCyclers			supp Brief Description inter The brus inha
Chergy efficient housing: Other	Sapere Coop – educating consumers towards sustainable consum	ption		image E
Living/Green space: Urban food gardens Living/Green space:	New Cycles			European Countryld Net
TYPE	Walking School Bus in Nicosia			

http://www.inherit.eu/resources/about-database/

Shent's food policy

trategic goal no. 1. A shorter, more visible food chain trategic goal no. 2. More sustainable food production and consumption trategic goal no. 3. Create more social added value for food initiatives trategic goal no. 4. Reduce food waste trategic goal no. 5. Optimum reuse of food waste as raw materials	Brief Description	Green Flag is a fundamental initiative which encourages young people to engage in their environment by allowing them the opportunity to actively protect it. It starts in the classroom where it expands to the school and eventually fosters charge in the community at large. Through this programme, young people experience a serve of achievement at being able to have a say if the environmental management policies of their schools, ultimately steering them towards certification and the prestige which comes with being awarded a Green Flag.
he goals are used in the quest to create a concrete sustainable food system. The currer novative, local and sustainable food strategies to reach the abovernentioned goals. In the b the food policy is given. Some of the components of this food policy were already evalu satth behaviors.	ooklet in attach, a det Image	
	European Country(s)	Belgium, Bulgana, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Former Yagoslav Republic of Macedonia, Germany, Greece, Icoland, Italand, Italy, Ixzakristan, Lativia, Lithuana, Maita, Nethyleindd, Norway, Poland, Portugal, Bornania, Russi Serbia, Slovaka, Slovenia, Span, Sweden, Switzerland, Turkwy, United Kingdom Living/Green spaces. Urban filosofi gardems, Living/Green spaces. Improving availability, quality and use. Living/Green spaces. Other
GENT GANDE	Field	Energy efficient housing Energy saving behaviors. Consuming: Healthy and Sudainable Consumption. Consuming Recovery and redistribution of excess food. Consuming: Other: Moving Cycling. Moving Walking: Moving: Other intervention. Product
Promistralegic to operational goals for the	Questionme environmer can be use	ners on the nutritional value and sustainability of products while a non-political organisation which has developed a research methodology to score products based on health it, human rights and animal welfare. They have developed a website and two free applications for consumers which d to easily find information on sustainability and healthiness of products. Initially, it can only be used with food in immarkets in the database, Datch supermarket food products are collected and lengt up to date. Through its
	Description methodolog	
ultural producers ROVE is a project that has responded to the difficulties of agricultural producers, especially those with small a roductors. Building on producers' concerns and local entities' incom-how about their territory and producers. In readed a prosimity trade, dispensing intermediaries. In addition, this practice involves building solutions through etween local entities, producers and consumers, generating specific responses to each situation. This flag indicidely generated interporting to very diverse situations in very different areas. This practice p	Checkit car published i products. T companies e preject has collaboration bitly of work	gr, all products are rated on health thraffic light) and sustainability (score s-to). Users of their grocery list application a scan barcodes of products and make a healthy, sustainable grocery list. In addition, a ranking of products is in terms of sustainability, stimulating competition between brand owners and allowing consumers to compare his allows consumers to become more aware of the choices they have when buying a product and also urges to become more transparent.
Altural producers ROVE is a project that has responded to the difficulties of agricultural producers, especially those with small reductions. Building on producers' concerns and local entities' know-how about their territory and producers, traited a proximity trade, dispersing intermediaries, in addition, these particles involves building solutions through their territory and producers. It is there in the intermediation is a magnetic response to each stuation. This first entities producers and consumers, generating specific response to each stuation. This first entities producers are significant to their territory and production there are an advised producers. Print the specific producers and communication, giving another busines viab added producer entities of their entities of the ends of the specific element to each of their territory. The specific produces are appendixed compatible of the geographical commany these has an agreater interest in this type of products, increasing the number of in healther enting practices by communes who ad local firsh produces fitterogrized as a good practice at I.	checkit car published i products. T companies nd very small is project has collaboration billy of work smotid more ity in short, it of consumers of consumers of consumers	scan barcodes of products and make a healthy, sustainable grocery list. In addition, a ranking of products is in terms of sustainability, stimulating competition between brand owners and allowing consumers to compare his allows consumers to become more aware of the choices they have when buying a product and also urges to become more transparent.
Altural producers ROVE is a project that has responded to the difficulties of agricultural producers, especially those with small reductions. Building on producers' concerns and local entities' know-how about their territory and producers, traited a proximity trade, dispersing intermediaries, in addition, these particles involves building solutions through their territory and producers. It is there in the intermediation is a magnetic response to each stuation. This first entities producers and consumers, generating specific response to each stuation. This first entities producers are significant to their territory and production there are an advised producers. Print the specific producers and communication, giving another busines viab added producer entities of their entities of the ends of the specific element to each of their territory. The specific produces are appendixed compatible of the geographical commany these has an agreater interest in this type of products, increasing the number of in healther enting practices by communes who ad local firsh produces fitterogrized as a good practice at I.	checkit car published i products. T companies nd very small is project has collaboration billy of work smotid more ity in short, it of consumers of consumers of consumers	In scan barcodes of products and make a healthy, sustainable grocery list. In addition, a ranking of products is in terms of sustainability, stimulating competition between brand owners and allowing consumers to compare his allows consumers to become more aware of the choices they have when buying a product and also urges to become more transparent.
Altural producers NOVE is a project that has responded to the difficulties of agricultural producers, especially those with small of robuctions. Building on producers' concerns and local entities' innow how about their territory and producers, to needed a promising intermediates. In addition, the producers is now platting solutions: through tencen local entities, producers and consumers, generating specific responses to each station. This first entities of the innovation of the producers, provided computer locals for order may abided proved. The provide provide the innovation of the producers, provided computer locals for order may abide provide the producers, provided computer locals for order may abide provide the producers, provided computer locals for order may abide provide the producers, provided computer locals for order may abide provide the producers, provided computer local for order may and the geographical coverage. The has contributed to the flow of products: increasing the numbers of a heatthy entities in the produce block for heat produces is non- proposities of the approximation of the products. Incomparent Portugal in terms is the apprographical coverage. The has contributed to the flow of products: increasing the numbers of the apprographical coverage. The has contributed to the specific response the version over time. The response Conference on Bural Development. To this appect are added asserting process by one version. Experiment Conference on Bural Development. To this appect are added asserting process by any over time.	d very small nd very small ne project has collaboration billy of work smotod more ity in short, it of consumers for producers e level of the short of at Conizo,	Prood Garden) De Voedseltuin (The Food Garden) is located at an industrial wasteland area in Rotterdam of about 7000 m ² and proposal for families that use the Rotterdam food bank and for homeless people in addition, withe populations are given the opportunity to voluniteer in the garden to grow they cook with and for visit homeless shelter. They also deliver vegetables for an texture of power vegetables for meter week ables to a restaurant for homeless people an indication of power in the origin to voluniteer in the garden to grow the for homeless people in addition, with populations are given the opportunity to voluniteer in the garden to grow the for homeless people in addition, with populations are given the opportunity to voluniteer in the garden to grow they cook with and for visit homeless theter. They also deliver vegetables for meters week and for homeless people and indication of power in the garden to grow the cook with and for visit homeless theter. They also deliver vegetables for a restaurant for homeless people and indication of power in the garden to grow transparent and the power to grow transparent and the power to power the power and the formeless people and indication of power in the garden to grow transparent for the power and the power and the power to power the power and power power and the power and the power and power power and the power and power power and power power and the power an
Ultural producers RROVI is a project that has responded to the difficulties of agricultural producers, especially those with small a srokuctors, tuikling on producers' concerns and local entites' know-how about their territory and producers. Is responding a proximity trade, dispensing intermediaries in addition, this practice involves building solutions through evelower local entities, producers and consumers, generating specific responses to each stuation. This fire methodology responses and consumers, generating specific responses to each stuation. This fire methodology approximate buildings to very diverse situations in very different areas. This practice p agricultural business, ensured the monitoring of agricultural productors in advortain their producers, provided computer tools for order mat inspect element. Inspect element, we source in the specific and commership that was drimmed. Very source in the specific and the specific	d very small nd very small is project has collaboration bitly of works moted more ity in short, it of consumers of a Conizon of at Conizon	Food Garden) Proof Garden De Voedsetuin The Food Garden's located at an industrial wastefand area in Rotterdam of about 7000 m ² and products in social trait and vegetables for families that use the Rotterdam food bank and for industrial product and reference in the greater at the social trait and vegetables for families that use the Rotterdam food bank and for industrial product and reference in the greater at the social trait and vegetables for families that use the Rotterdam food bank and for vision increase ther social interview. They also de observe weekshops on provide ther there are industrial wastefand from the rotes with and for vision mensions there are an industrial workstater for the rotes with and for vision mensions their social interview. They also de observe weekshops on providents and or industrial workstater.

UrbanCyclers	
Brief Description	UtbanCyclers is an urban cycling app for Android and IOS. Its key features include cycling route planner (as of now for Prague, Bratislava and Bielin), turn-by-turn navigation that allows for combining biling with public transport, and route tracking that is linked to a system of rewards and community experience sharing. The routing engine is based on state-of-the-art artificial intelligence algorithms that allows for setting preferences for several criteria including safety, comfort and speed.
image	
European Country/Countries	Czech Republic, Germany, Słovakia
Field	Moving Cycling



Baseline review & analysis Common analytical framework 50 promising practices Visioning & future scenarios



12 pilot studies

Impact assessment

Visioning/scenario-building/back-casting work

- Four positive scenarios for future societies (2040) based on future trends and promising practices identified
- 'Back-casting' to identify what must happen to make these scenarios happen & avoid risks
- Household survey on attitudes towards changing lifestyles and behaviours +

Pupose: to achieve a better understanding of concrete policies and actions that must be put in place to achieve more sustainable societies, that can be used to inform policy-related work.







Baseline review & analysis Common analytical framework 50 promising practices Visioning & future scenarios





Impact assessment

12 pilot studies

Investigate, evaluate, modify and/or scale-up 12 of the promising practices

-12 qualitative assessments -6 quantiative assessments -3 cost-effectiveness studies

111 So 6



- PROVE

- LaMA
- \bullet

Gemuse Ackerdemie Green Gyms Urban cyclers Ghent a Garde Compostara Sustainable food in public schools Lifestyle e-coaching **Restructuring Green Space** The Malvik Path **Energy Fit Kitchens Gosasun/thinking fadura** Voedseltuin (FoodGarden) Dinner is ready in 1, 2, 3 Euros **Meatless Mondays**



Baseline review & analysis Common analytical framework 50 promising practices Visioning & future scenarios



12 pilot studies

Impact assessment



Baseline review & analysis Common analytical framework 50 promising practices Visioning & future scenarios



12 pilot studies

Impact assessment

INHERIT expected impact

The evidence base

1194

Identify intersectoral and innovative solutions

Influence policy and practice

INHERIT Challenge

Encourage lifestyle and behaviour change for a more sustainable future!



Thank you!

INHERIT YOUR FUTURE

www.inherit.eu



The INHERIT project has received funding from the European Union Horizon 2020 research and innovation programme under grant agreement No 667364.

> С(М.



CONTACT ME AT:

M.Aberg-Yngwe@eurohealthnet.eu

www.inherit.eu