



Science and Technology in  
childhood Obesity Policy

## What policies will halt the rise of childhood obesity in Europe?

With four years and €10M from  
the European Commission, we  
will identify policy changes to  
address childhood obesity across  
Europe

Can the right mix of policy initiatives help us STOP the spread of  
childhood obesity in Europe?

Our approach:

- Use novel metabolomic techniques to understand obesogenic environments using population-based cohorts
- Through multi-stakeholder action, generate policy-relevant evidence to inform effective and sustainable solutions
- Translate evidence into policy, and policy into impact to tackle childhood obesity in Europe

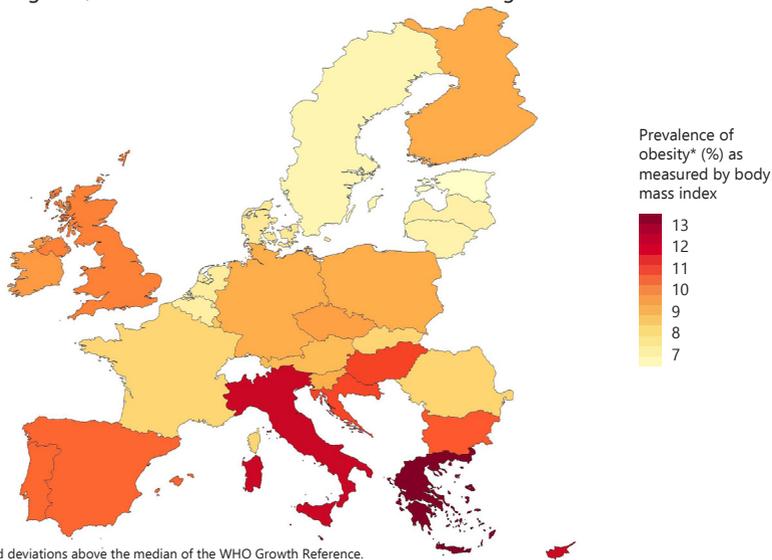
### Potential areas of intervention:

1. **Epigenetic and biological mediators of obesity risk**
2. **Clinical interventions with children and families**
3. **Taxes and marketing restrictions on foods and beverages**



# Obesity in Europe: a growing crisis

Europe is becoming more obese, with negative impacts on life expectancy, quality of life, and health care costs. By intervening now, we can ensure healthier habits for the next generation.



\* Obesity was defined as more than 2 standard deviations above the median of the WHO Growth Reference.

Figure taken from: NCD-RisC et al. (2017) Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128.9 million children, adolescents, and adults. Lancet. 2017 Dec 16; 390(10113): 2627-2642.



**Project duration:** 48 months (June 2018 – May 2022)

## Consortium:

- Imperial College of Science Technology And Medicine (UK - Coordinator)
- Istituto Superiore di Sanità (Italy)
- Tervise Arengu Instituut (Estonia)
- Istituto di Studi per l'Integrazione dei Sistemi (Italy)
- Universitatea de Medicină și Farmacie "Victor Babeș" din Timișoara (Romania)
- Instituto de Saúde Pública da Universidade do Porto (Portugal)
- Institut National de la Recherche Agronomique (France)
- Universiteit Hasselt (Belgium)
- European Public Health Alliance (Belgium)
- World Obesity Federation (UK)
- Univerza v Ljubljani (Slovenia)
- Karolinska Institutet (Sweden)
- Nacionalni inštitut za javno zdravje (Slovenia)
- Sveučilište u Zagrebu Kineziološki fakultet (Croatia)
- Instituto de Salud Global Barcelona (Spain)
- Università degli Studi di Torino (Italy)
- Terveyden Ja Hyvinvoinnin Laitos (Finland)
- World Health Organization (Switzerland)
- Consorcio Centro de Investigación Biomédica en Red (Spain)
- Ministério da Saúde – República Portuguesa (Portugal)
- Etablissement d'Enseignement Supérieur Consulaire Hautes Études Commerciales de Paris (France)
- Institut des Sciences et Industries du Vivant et de l'Environnement – Agro Paris Tech (France)
- University Of Auckland (New Zealand)
- University of Southern California (USA)

Website: [www.stopchildobesity.eu](http://www.stopchildobesity.eu)  
Email: [stop@worldobesity.org](mailto:stop@worldobesity.org)  
Twitter: @STOPobesityEU

This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No. 774548.

