



Towards large-scale adaption and tailored implementation of evidence-based primary cancer prevention programmes in Europe and beyond

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 PIECES Project



PROJECT BACKGROUND

The high and increasing global burden of cancer highlights the need for effective implementation of **primary cancer prevention programmes** targeting modifiable risk factors. However, evidence-based programmes with proven effectiveness in controlled settings often fail when implemented in the real world due to ineffective adaptation and implementation strategies that address context-specific barriers, leading to programme failure and public health inequities.

OBJECTIVES

The PIECES project aims to adapt and implement existing evidence-based programmes to improve implementation outcomes, thereby increasing the reach and effectiveness of primary prevention programmes in real-world settings. With a consortium of 15 partners, the project team will develop an **innovative toolkit** to facilitate the selection, adaptation and implementation of cancer prevention programmes. It will support implementers in selecting and adapting programmes to improve the fit with the target population and the real-world practice setting.

The toolkit will include:

- ✓ A repository of primary cancer prevention programmes
- ✓ A repository of determinants of practice and strategies for implementing those programmes
- ✓ An online community of implementation practitioners
- ✓ Various working principles and structured process flows for selecting and adapting programmes



The main modifiable risk factors that we are aiming to tackle in the project include:



EXPECTED IMPACT



Societal

Improved clinical outcomes and reduced cancer morbidity, mortality and inequalities in public health



Scientific

Development and consolidation of implementation science in cancer prevention that can be exported to other settings



Economic

Improved effectivity and efficiency of investments in primary cancer prevention programmes



Policy

Influence the regulations and standards to include considerations for tailored implementation strategies

15 INTERNATIONAL PARTNERS

Formed by 15 partners, the PIECES consortium brings together a complementary range of know-how including public health, cancer epidemiology, technical expertise, implementation science theoretical background, and access to real life implementation settings.





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