

International Atomic Energy Agency Scientific Forum

# A Decade of Action on **Cancer Control** and the Way Forward



**17–18 September 2019**  
Vienna International Centre  
Board Room D, C Building, 4th Floor

## IAEA Partnership Overview

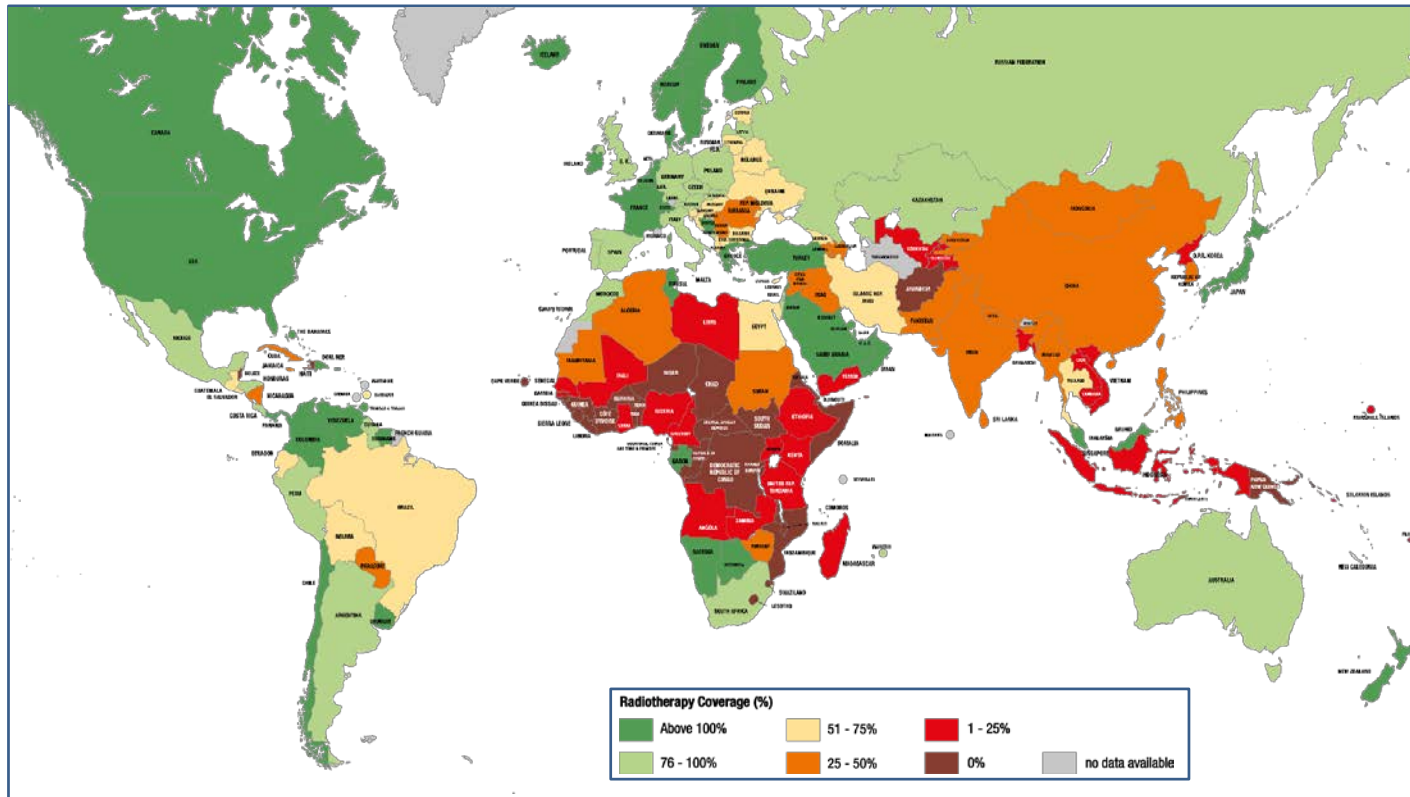
The IAEA approach to partnerships  
in cancer control

**Ms Lisa Stevens**, Director,  
Programme of Action for Cancer Therapy (PACT),  
Department of Technical Cooperation  
IAEA



# Global Inequity in Access to Cancer Care

An estimated shortfall of over 5,600 radiotherapy machines in LMICs

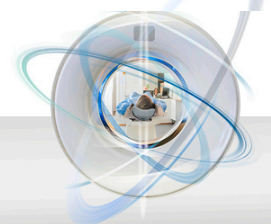
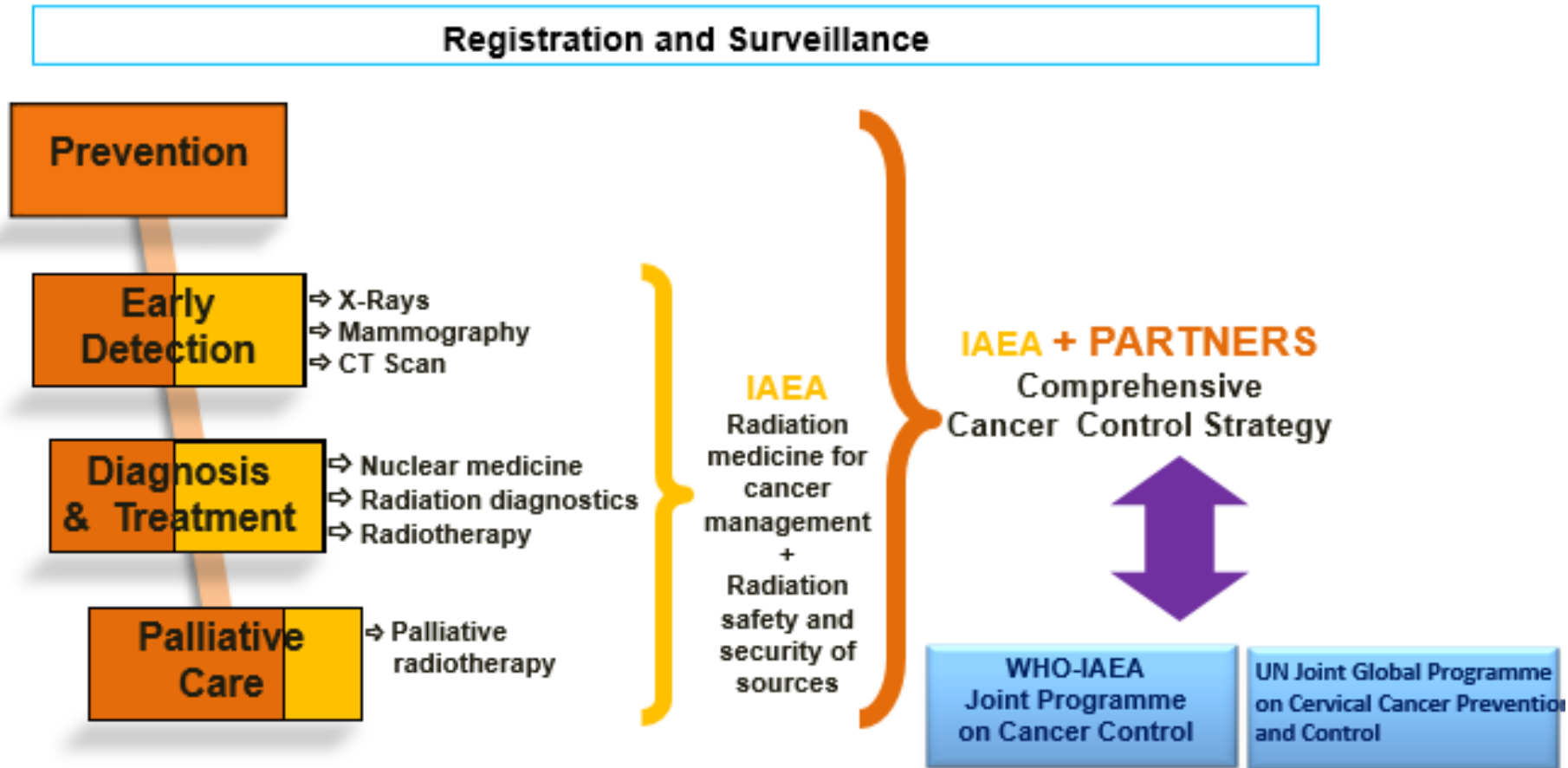


*Assumptions:  
50% of cancer patients require radiotherapy  
One radiotherapy machine can treat 500 cancer patients per year*

Source: IARC GLOBOCAN, IAEA 2018



# IAEA Role in Cancer Control



# Mandate of PACT



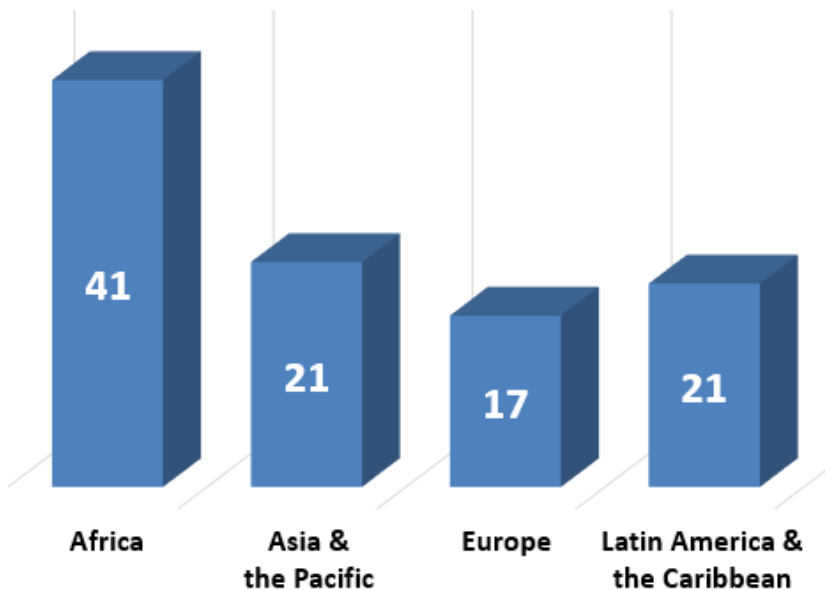


## imPACT Reviews

- Assessing national **cancer control capacities and needs**
- Facilitating **evidence-based decision making**
- Helping Governments to **prioritize interventions and investments** for cancer control



100 imPACT review missions since 2005



### Partners

International Agency for Research on Cancer



## IMPACT of imPACT Reviews

### Difference they have made at country level

- Recommendations from imPACT Reviews form basis for comprehensive cancer control planning and guide the development of strategic documents
- Support to Cancer Strategic Documents:
  - National Cancer Control Plans
  - NCD plans
  - Radiotherapy Plans
  - TC projects
  - Funding proposals



## Resource mobilization

### Fundraising to address financing gaps in IAEA projects

- Expert advice and support to Member States:
  - Bankable documents (11 bankable documents to date with 4 in the pipeline; over USD 25 million mobilized by Member States using the bankable documents)
  - Comprehensive funding proposals
  - Resource mobilization strategies
- Review meetings of cancer-related financing gaps
  - Bringing together Member States and potential funding partners such as multilateral banks/international financing institutions

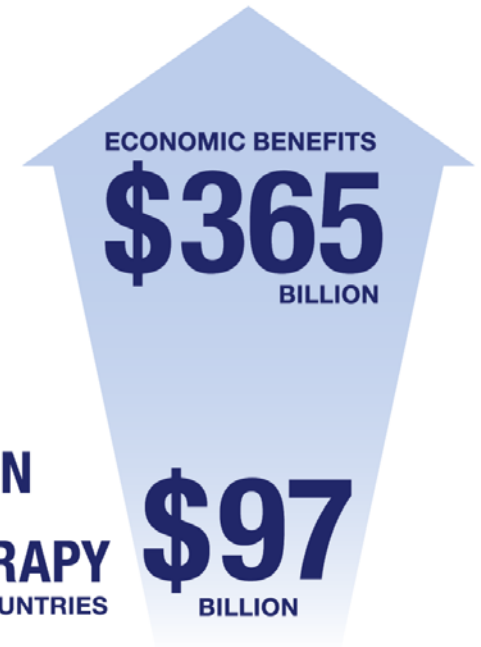


## Resource mobilization

### Results achieved

- USD 35.5 million mobilized by PACT since 2004
- In-kind contributions received to build national cancer control capacity
- Over 30 Member States supported in developing funding proposals, including bankable documents, and resource mobilization strategies since 2010

**\$97 BILLION**  
REQUIRED FOR  
**RADIOTHERAPY**  
IN DEVELOPING COUNTRIES





# The Women's Cancers Partnership Initiative



## BREAST CANCER

**NEW CASES: 2 MILLION** (2018)



**DEATHS: 630,000** (2018)



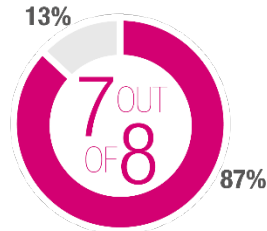
□ Global    ■ Developing countries

**67% OCCUR IN DEVELOPING COUNTRIES**



**ONE WOMAN DIES EVERY 50 SECONDS**

Breast cancer patients recommended for radiotherapy



## CERVICAL CANCER

**NEW CASES: 570,000** (2018)



**DEATHS: 310,000** (2018)



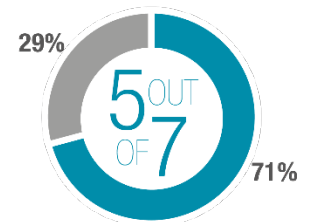
□ Global    ■ Developing countries

**90% OCCUR IN DEVELOPING COUNTRIES**



**ONE WOMAN DIES EVERY 100 SECONDS**

Cervical cancer patients recommended for radiotherapy



Only radiotherapy can cure advanced cervical cancer

Sources: IARC 2014; IARC GLOBOCAN 2018; Lancet 2015; IAEA 2010



## The Women's Cancers Partnership Initiative

- **Expanding existing projects of the IAEA Technical Cooperation Programme 2018-19 and beyond focusing on women's cancers in 45 countries and across geographical regions**
- **Fully responding to the funding needs expressed by Member States** in IAEA Board-approved projects on women's cancers
- **Raising an additional EUR 39 million**
- **Implementing a multi-partner initiative**, bringing together Member States governments, multilateral banks, philanthropic foundations and the private sector



# Selected IAEA Partners - Fighting Cancer **together**



International Agency for Research on Cancer



LONDON SCHOOL of HYGIENE & TROPICAL MEDICINE



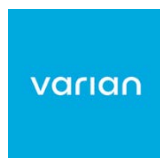
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International Network for Cancer Treatment and Research



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