

GRELL & ENCR 2025 Scientific Meeting
Porto, Portugal

27-30
MAY *Save the date*



Plans for ICD-O-4 implementation at the Irish Cancer Registry



National
Cancer
Registry
Ireland

**ICD-O-4
NEW CLASSIFICATION**

27/05/2025

DEIRDRE MURRAY
NATIONAL CANCER REGISTRY

NCRI Establishment

Introduction



Collect

NCRI collects, classifies, records and stores information on all new cancer cases in Ireland



Analyse

NCRI monitors and analyses trends and outcomes in different cancer types



Publish

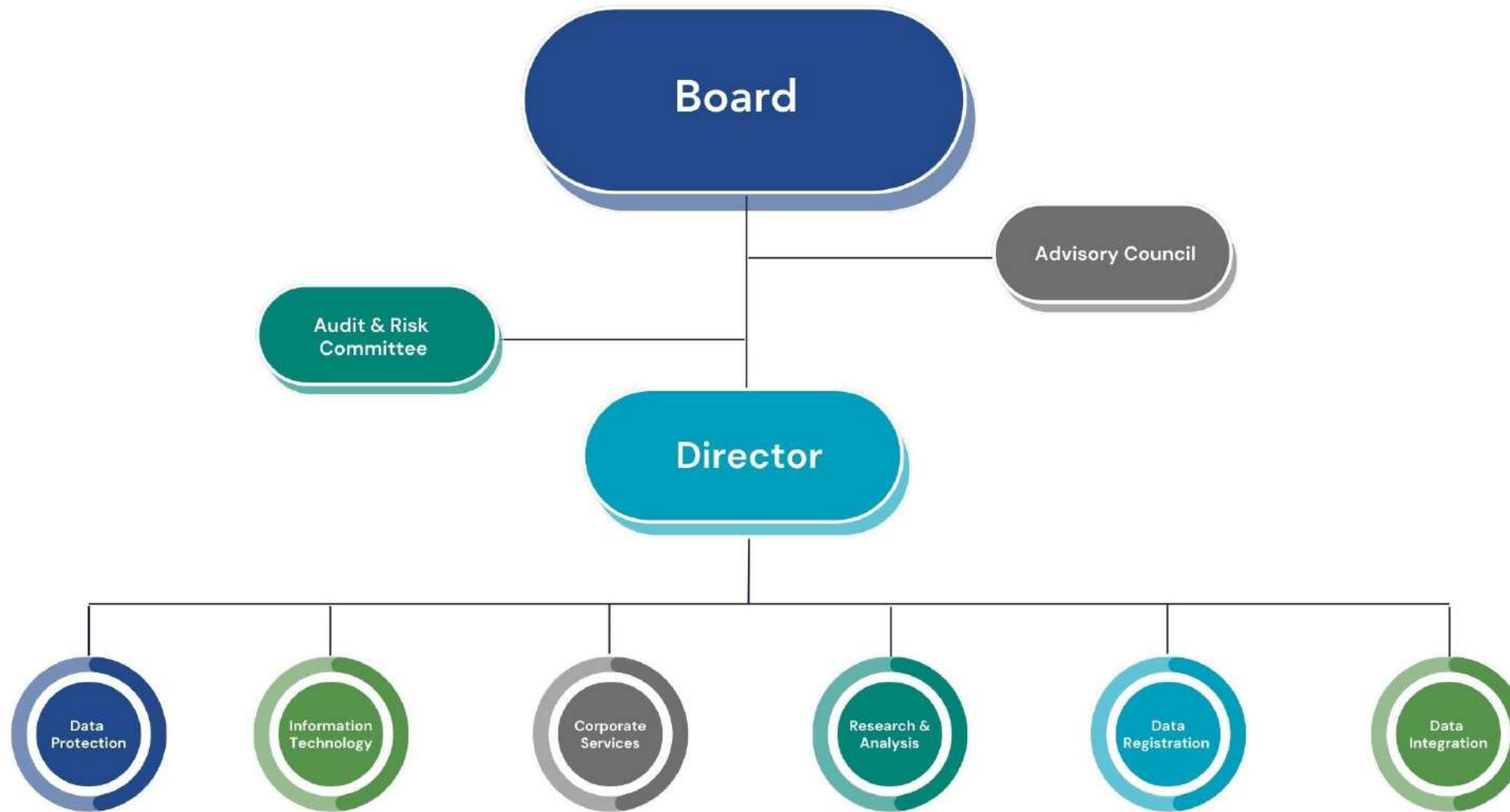
NCRI publishes an annual report on cancer statistics and regularly produces publications on trends and projections



Disseminate

NCRI promotes & facilitates the use of the data it collects in research and in the planning and management of cancer services

NCRI Structure



2024 in numbers

Snapshot

55,500

Tumours
registered

24,200

Invasive tumours
registered

35

Sources from which we
receive data electronically

95%

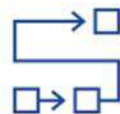
% of tumours
registered
electronically

107

Locations from
which we collect
data

88,884

Death certs received
from CSO and fully
matched



11

Peer review
publications

200+

Data requests
processed

3

Reports
published

76

Media articles
that quoted
NCRI data

24

Infographics
published

31

Press releases and
news articles
published

12

Events,
workshops, and
presentations

219

Social media
posts

7

Parliamentary
questions
answered

10

Staff
newsletters
sent



Locations from which the NCRI collects data

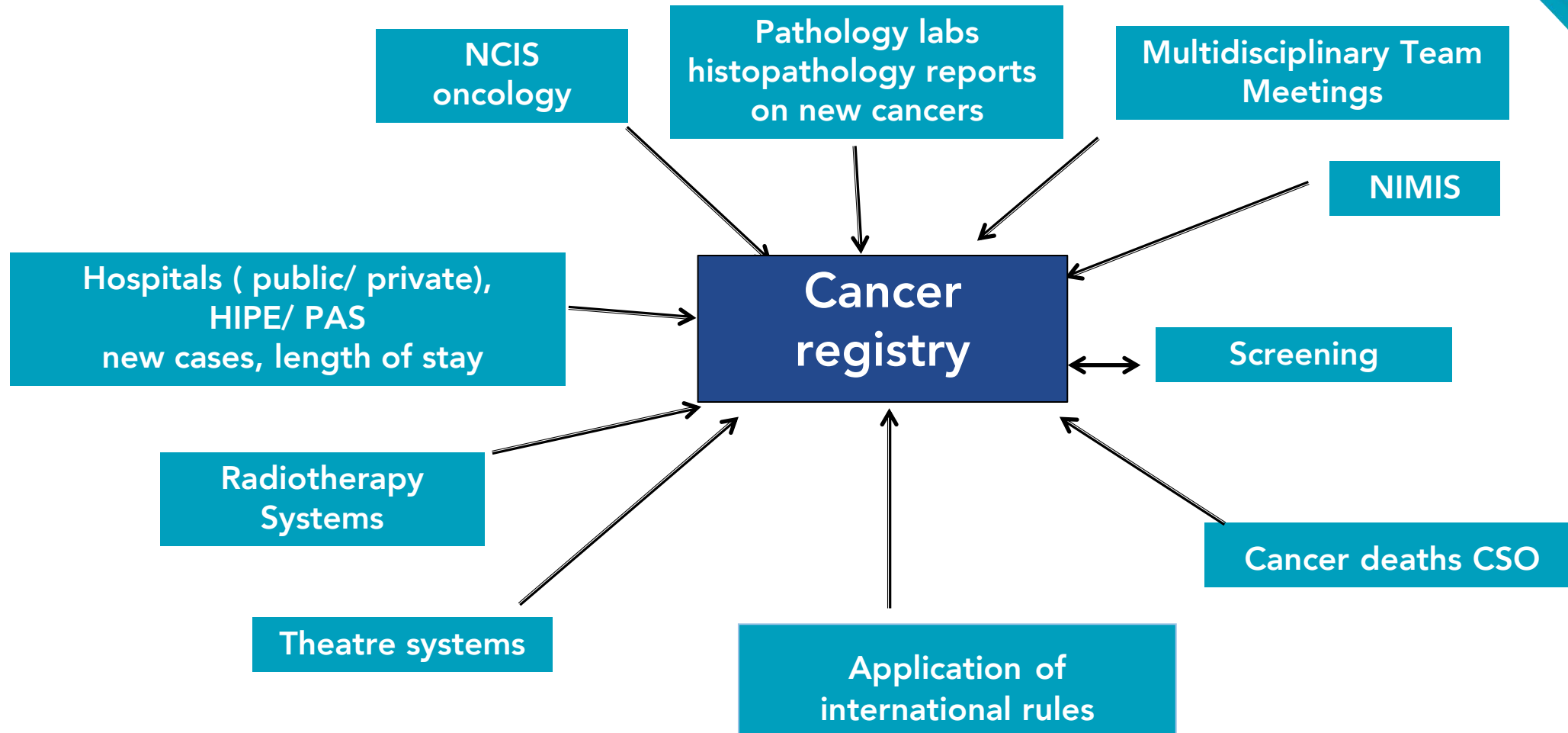
107

locations from which
we collect data



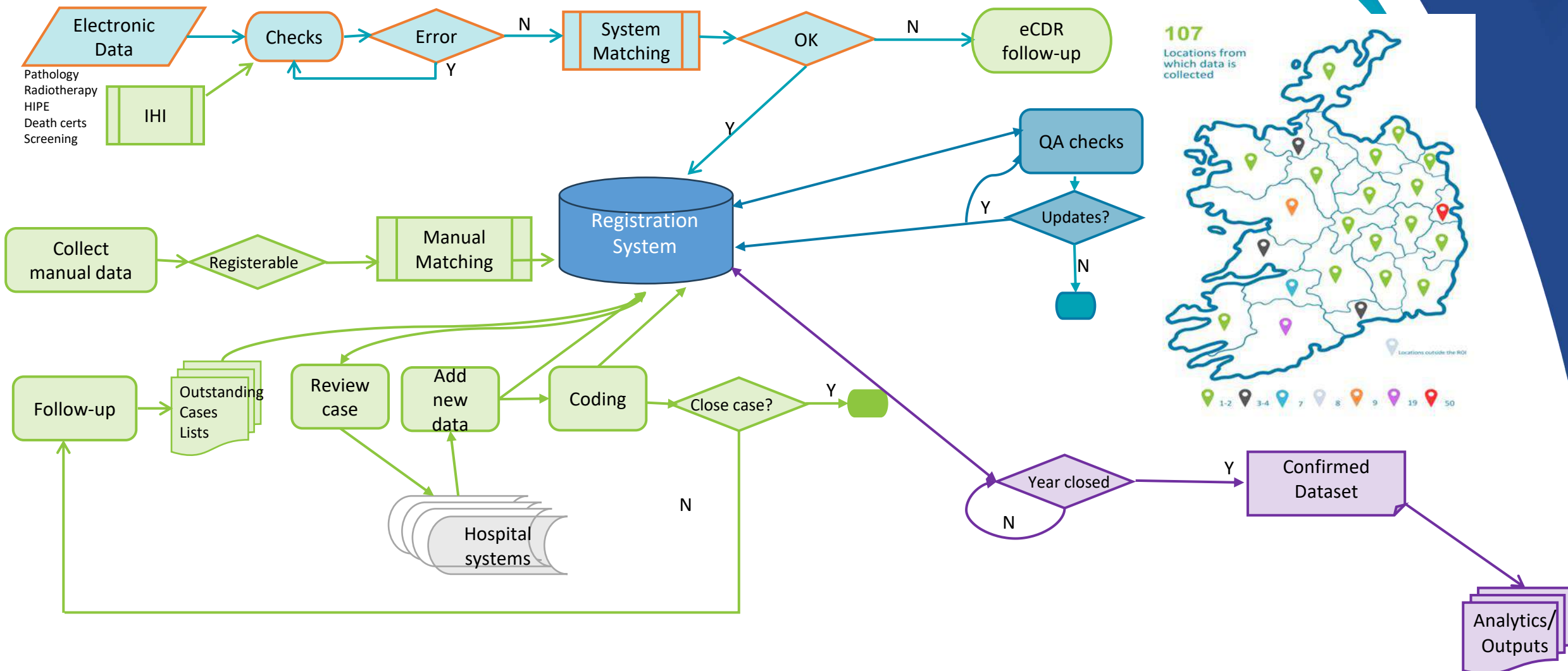
NCRI registration

Multiple sources for registrations



NCRI registration

Multiple steps in data registration



Project Management

Steps to Success

Step 1



Project Planning

Set out parameters of project and ensure resources are available when needed

Step 2



Initial Implementation

Complete pre-requirement tasks, update database to accommodate extra morphology character

Step 3



Requirements

Gather stakeholders to define requirements

Step 6



Go Live

Go live with fully tested solution

Step 5



Testing

Testing according to requirements defined

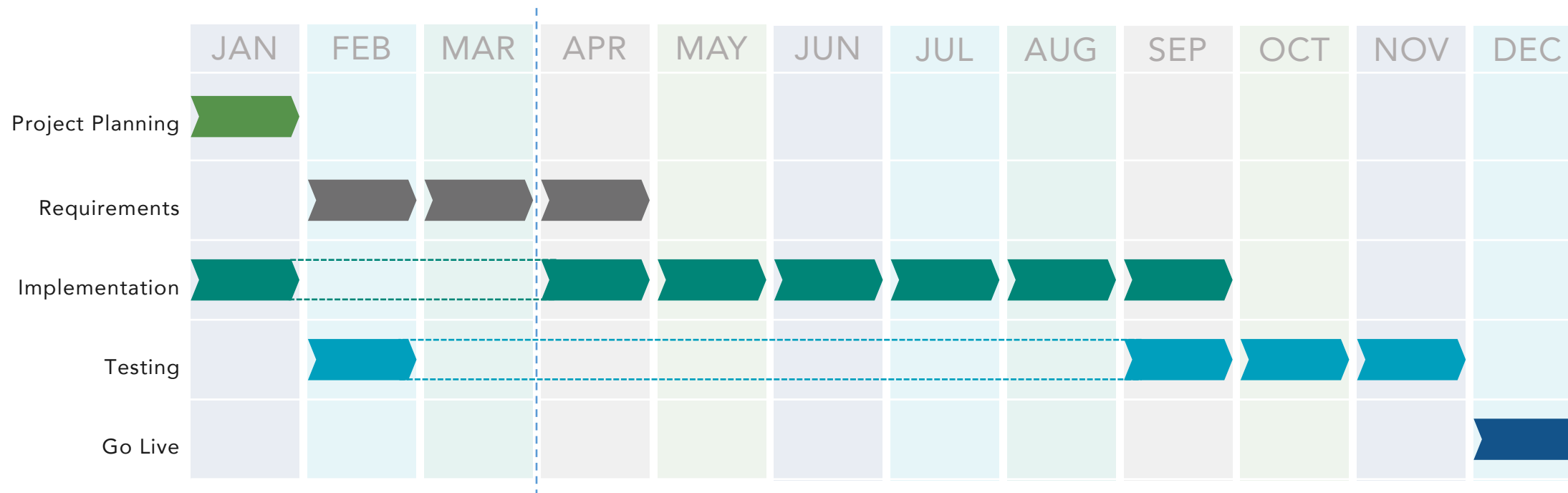
Step 4



Implementation

Complete implementation according to project plan, fulfilling requirements

High-level Schedule 2025



Project Management Risks

01

TEAM AVAILABILITY

Availability of cross-functional team members, in a timely manner, is critical to project success.



02

OPERATIONAL ACTIVITIES

Regular activities may be adversely affected due to project commitment of resources.



03

DRAFT CLASSIFICATION

Requirements based on draft listing. Refactoring may be required once final listing published.



04

KPIs

Current KPIs will be affected by time & resource commitment to project.



Initial Responses from the NCRI

- New format allows for creation of new morphological codes
- Enables assigning of specific codes to cancers that were included as related terms
- Molecular and genetic characteristics of the tumour are reflected more precisely
- Supports modern oncology and the shift towards precision medicine
- Enables CRs to capture biomarker data within the morphology field, thus likely reducing the necessity to record variable separately

Some implications for NCRI

- 4 systems impacted by changes to ICD 0 4 – Mirth, CRS, Workfile and Tableau
- Labs being contacted to see if they can accommodate ICD 0 4 changes
- However, conversion is possible inside the registry
- Major TESTING requirements
- Staff training and updating of documentation

What has worked well to date and lessons learnt

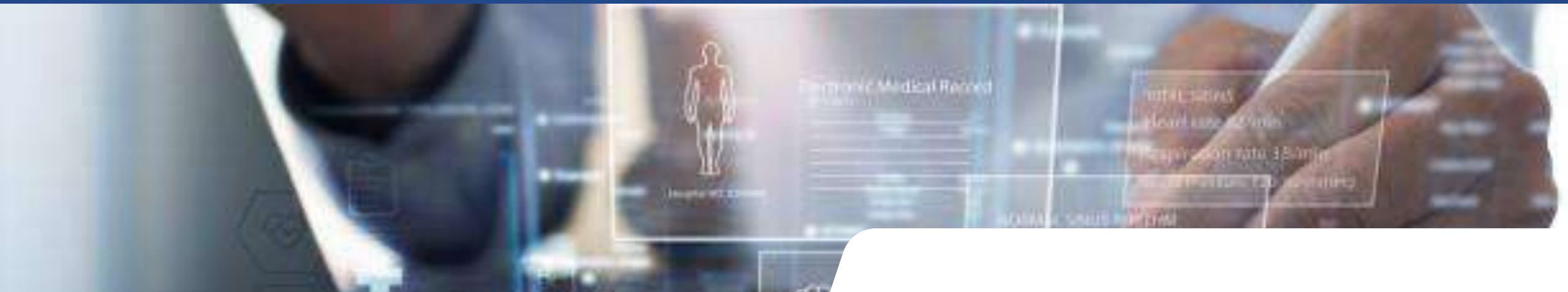
- Using waterfall change management approach
- Change structure first and test that before implementing any other changes
- Early involvement of people with specialist coding skills as text descriptions have become very important now
- Time-line means that other work has to be deferred as it is important that there is regular and prompt communication between the developers and the coding specialists
- Avoid using hard coding and use agnostic codes. Remove anything that is there previously – hard lesson learnt!



National
Cancer
Registry
Ireland

Thank you

Deirdre Murray
National Cancer Registry Ireland



Contact us



+353 (0) 21 4318014



info@ncri.ie



@IrishCancerReg



www.ncri.ie



NationalCancerRegistryIreland