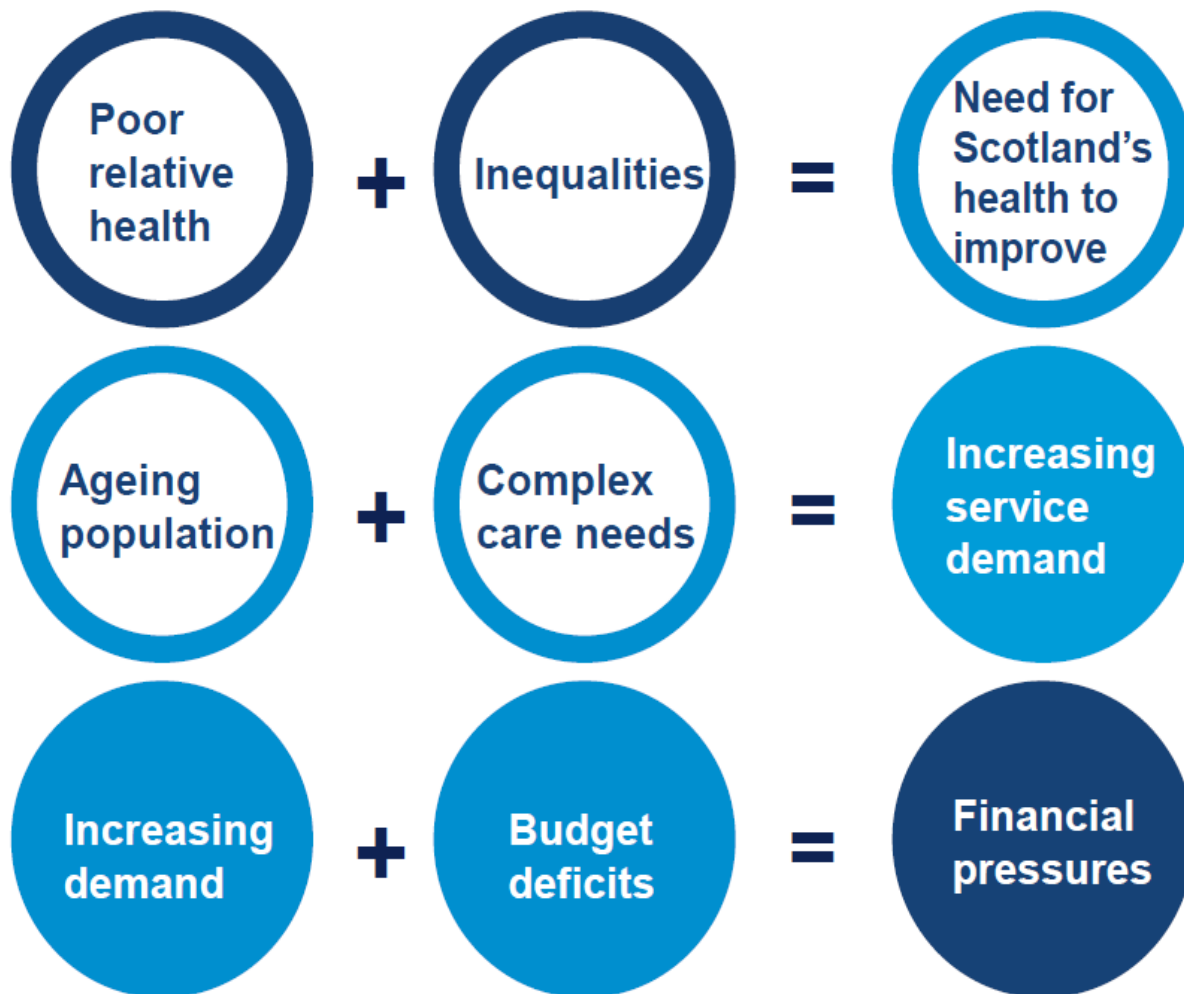


National Managed Diagnostic Networks

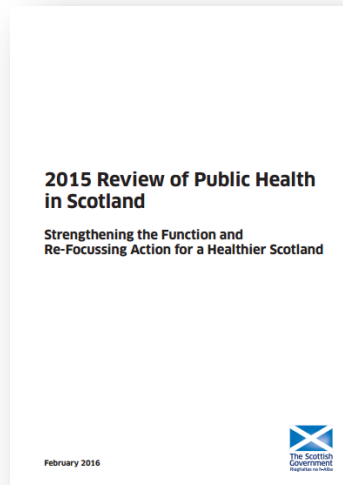
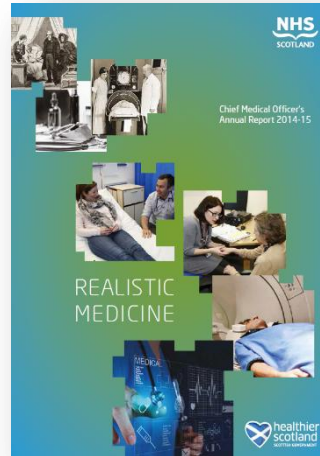
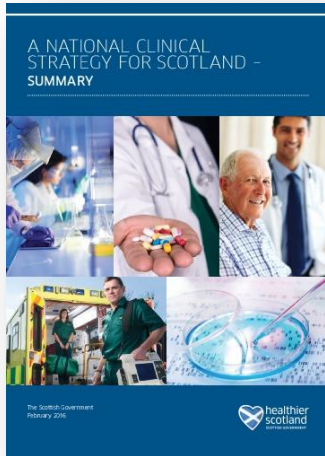
Fiona Murphy
NSD Director

The challenge remains

Needs/demands increasing whilst money gets tighter



Some solutions for Scotland - the building blocks



Diagnostics – Central to Healthcare

The Drivers for the Future

- NHS Scotland Strategies (Health & Social Care Delivery Plan - regional planning for populations, National Clinical Strategy, Realistic Medicine)
- Specific strategies: Cancer, Heart Disease, (Genomics)
- Programmes of work: shared services, healthcare science delivery programme
- Technology advances: genetics, near patient testing, robotics, remote access
- Workforce changes: training, demand/supply

What are NMDNs?

“Coordinated groups of health professionals that support diagnostic services to continuously improve service delivery, in order to ensure equitable provision of high quality, clinically effective services”

NMDNs report to Scottish Government via Diagnostic Steering Group & NSD



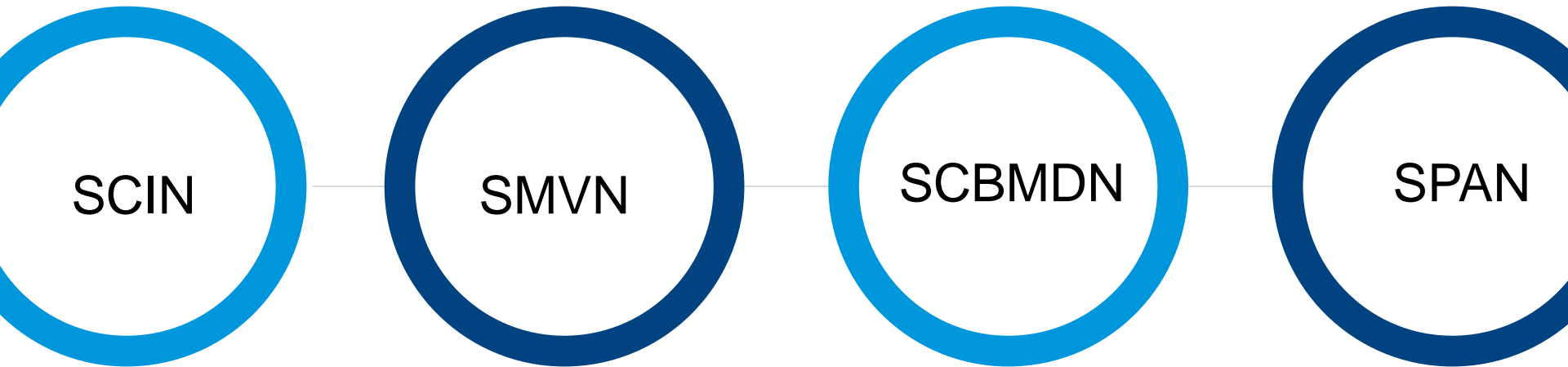
What are NMDNs?

... led by a specialist clinical professional in the discipline, supported by a Scientific Manager and programme management team within the National Network Management Service to maximise the effectiveness of the networks.

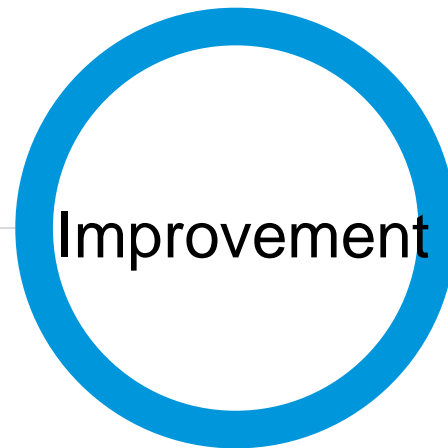
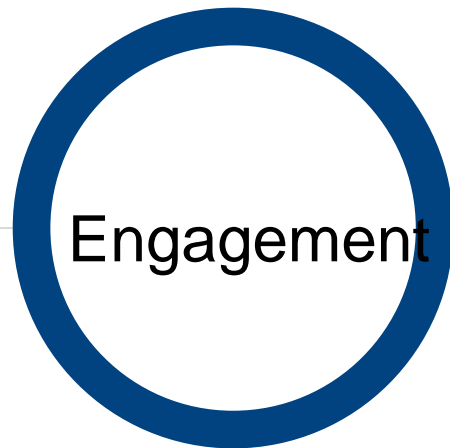
This includes specialist input in information management, communications, project management, quality improvement and strategic planning.



There are Four....



There are Four....



Scottish Clinical Imaging Network SCIN

Supporting development of
extended practice roles for
radiographers reporting

Lead Clinician:
Hamish McRitchie

**Network Scientific
Manager:**
Fiona Hawke



Scottish Clinical Biochemistry Network SCBMDN

Developing innovations
which can achieve
efficiencies for NHS
Scotland - and improving
and extending testing for
patients

Lead Clinician:
Ian Godber

**Network Scientific
Manager:**
Janet Hogg



Scottish Microbiology & Virology Network SMVN

Providing high quality, safe, patient centred and clinically effective medical microbiology and virology services – developing a standard approach in response to public health risks

Lead Clinician:
Gillian Orange

Network Manager:
Fiona MacKenzie



Scottish Pathology Network (SPAN)

Supporting testing of Digital Pathology to share expertise, maximise workflow and improve turnaround times for patients across Scotland

Lead Clinician:

Liz Mallon

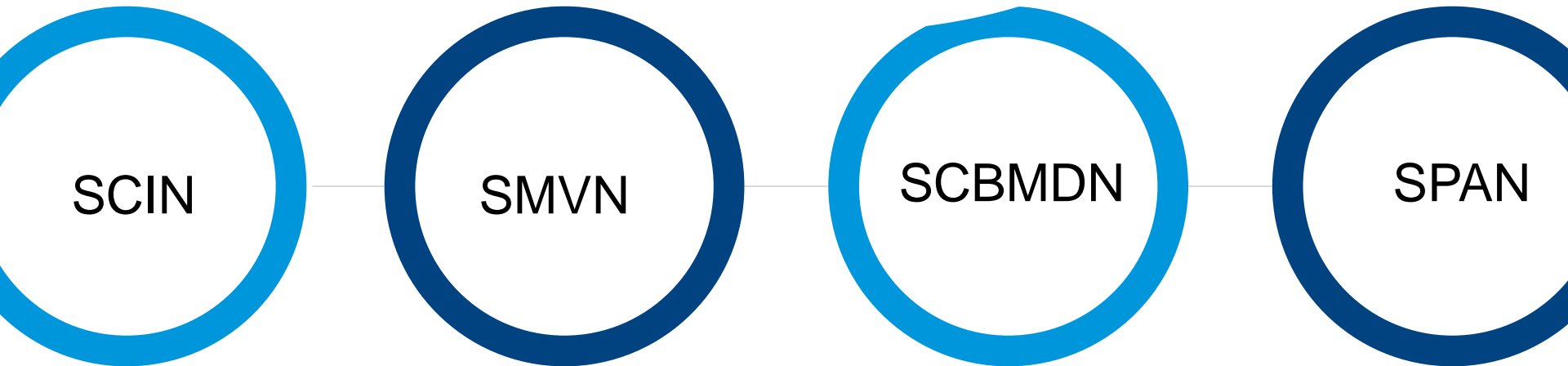
Network Scientific Managers:

Allan Wilson &
Jackie Walker



There are Four....but connected to many

Screening Reference Labs



SCIN

SMVN

SCBMDN

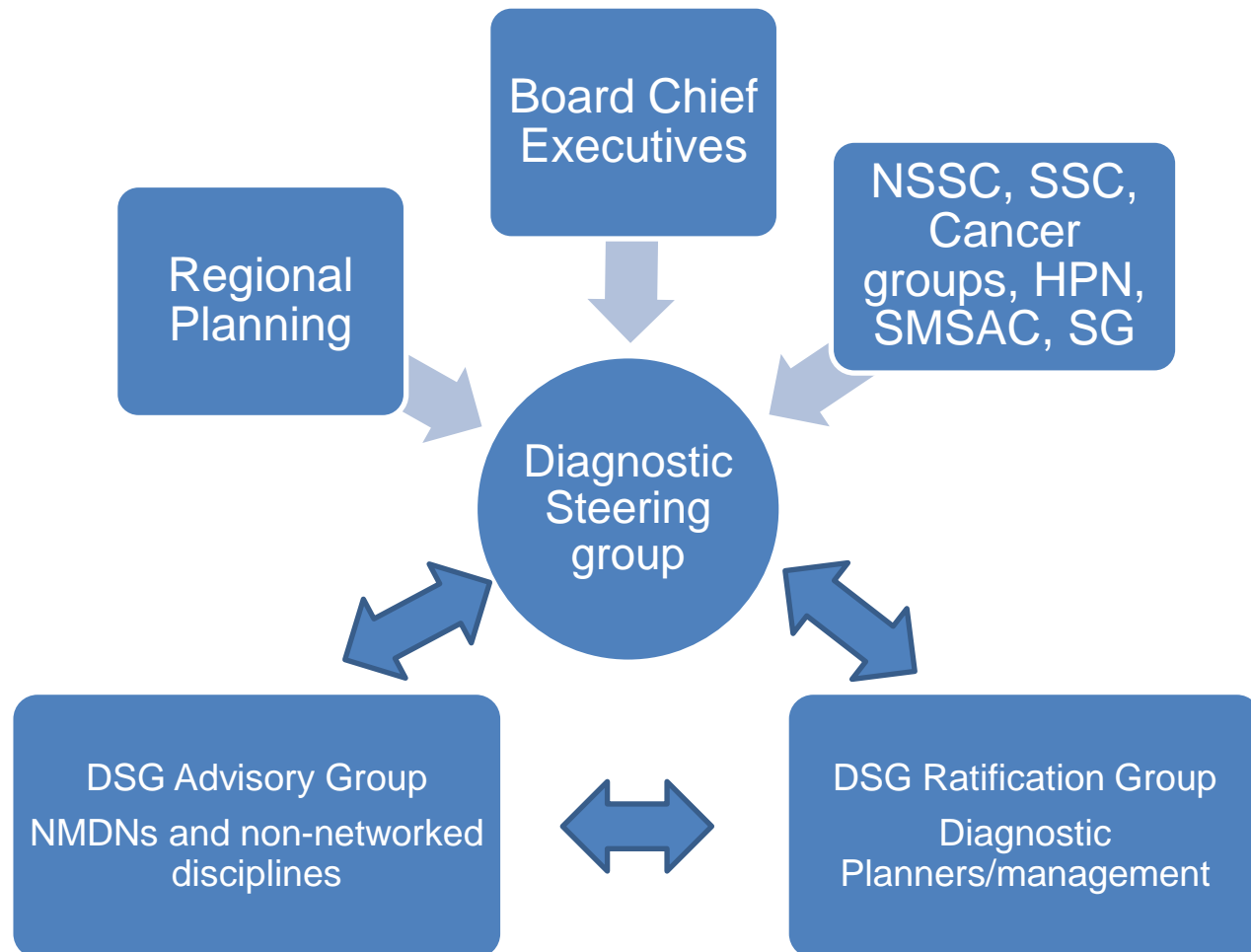
SPAN

**Medical
Physics**

**Haematology
Immunology**

**Genetics
Mol Path**

Diagnostic Steering Group



Clear Process for NHS Scotland Developments

Diagnostics – Central to Healthcare

What does DSG do?

- Set the strategic direction for diagnostics
- Ensure diagnostic community aware of strategy/specialty requirements
- Facilitate joined up planning in diagnostics
- Manage systematic Scotland-wide responses e.g. managed introduction of new tests
- Support implementation of change
- Ensure best use is made of professional networks and empower them to lead change



Realistic Medicine

A clinical conversation on medical practice

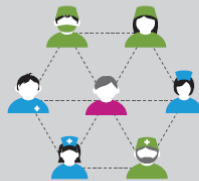
REALISTIC MEDICINE

CAN WE:



CHANGE OUR STYLE TO
SHARED DECISION-MAKING?

BUILD A **PERSONALISED**
APPROACH TO CARE?



REDUCE **HARM**
AND **WASTE**?

REDUCE **UNNECESSARY**
VARIATION IN PRACTICE
AND **OUTCOMES**?



MANAGE RISK BETTER?



BECOME **IMPROVERS**
AND **INNOVATORS**?

