Improving Standardization Management in Defence, a UK Perspective

EDA Standardization Conference - 12 March 2014

Harry Mclernon & Sally Swingewood

Civil as Possible, Military as Necessary

UK Defence Standardization (DStan)

- **UK Military Standardization Organisation**

- **Part of Defence Equipment and Support**

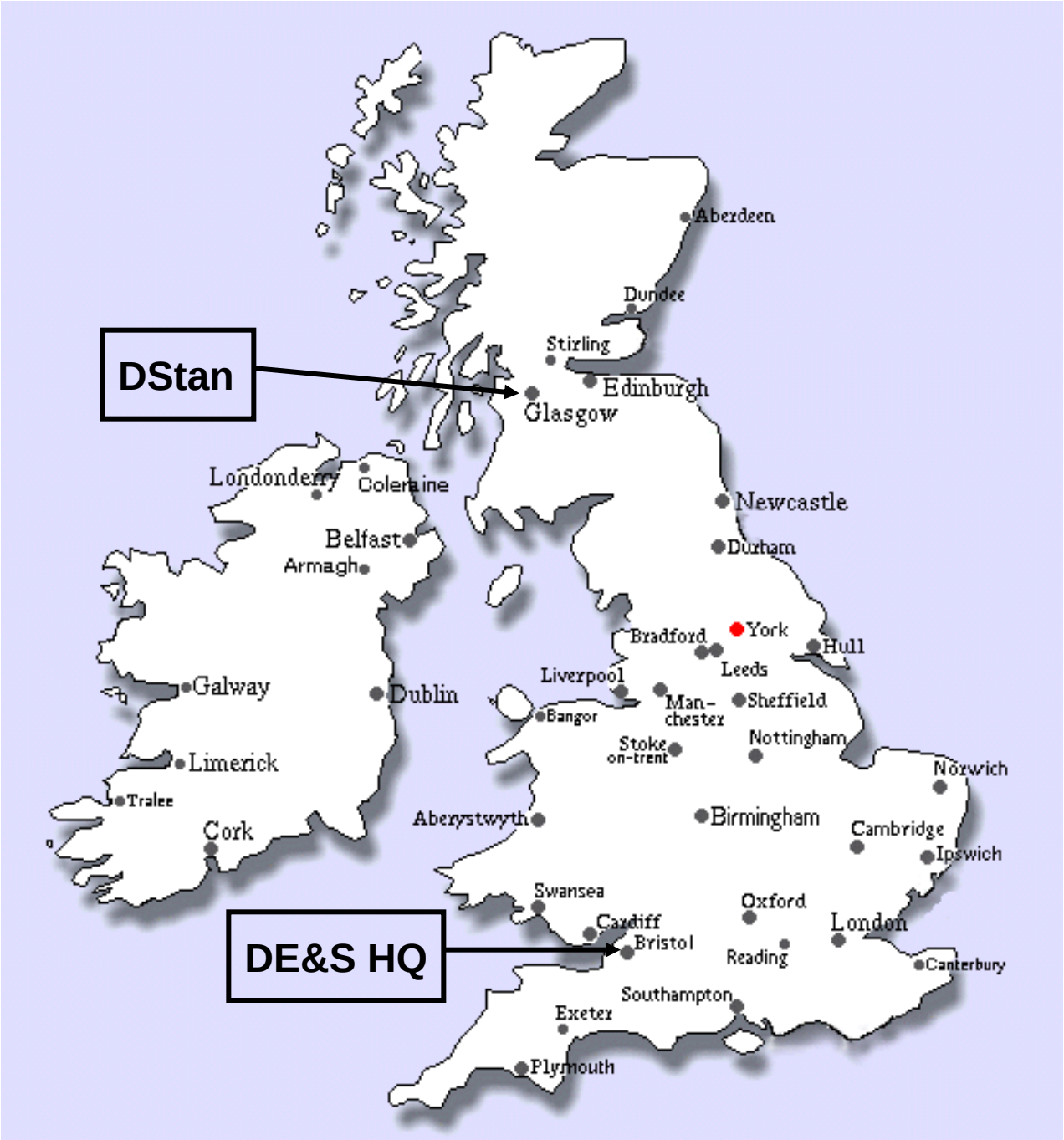
- **Responsibilities:**

  Standardization Policy

  Standardization Management

  Standards Acquisition Portfolio

Civil as Possible, Military as Necessary


DStan
DE&S HQ
Aberdeen
Dundee
Stirling
Edinburgh
Glasgow
Londonderry
Coleraine
Belfast
Armagh
Newcastle
Durham
York
Bradford
Leeds
Hull
Liverpool
Man-
chester
Sheffield
Bangor
Stoke
on-trent
Nottingham
Norwich
Galway
Dublin
Limerick
Tralee
Cork
Aberystwyth
Birmingham
Cambridge
Ipswich
Swansea
Oxford
Cardiff
Bristol
London
Reading
Canterbury
Southampton
Exeter
Plymouth

MoD DRIVERS, NEEDS & DSTAN STRATEGIC OBJECTIVES

UK MoD Drivers:

SDSR

NATO & EUR lean in

Front Line Commands

NATO/EUR Drivers:

European standardization

An Allied approach in NATO

Interoperability

UK MoD Needs:

•Force Capability

•Fitness for Purpose

•Value for Money

•Interoperability

Influence

Influence

DSTAN Strategic Objectives:

A common approach to SM

Demonstrative interoperability success

SM principles applied with PM principles

DSTAN recognised as SM Subject Matter Experts

DSTAN Delivers:

SM support to DE&S Project Teams

by maintaining a portfolio of standards

Advice & guidance on SM policies

via JSP 920, NATO & EU policies

Advice & guidance on SM process

via a Through Life SM Plan

UK/NATO/EUR SM formal engagement & collaboration

via DEF/1 & other committees to improve interoperability success

SM – Standardization Management

Civil as Possible, Military as Necessary

bsi.

...making excellence a habit.™

By Royal Charter

Who is BSI?

The UK National Standards Body: the source of British Standards

Global standards development: British, European, ISO

Experienced: the world's first National Standards Body established in 1901 and a founding member of ISO

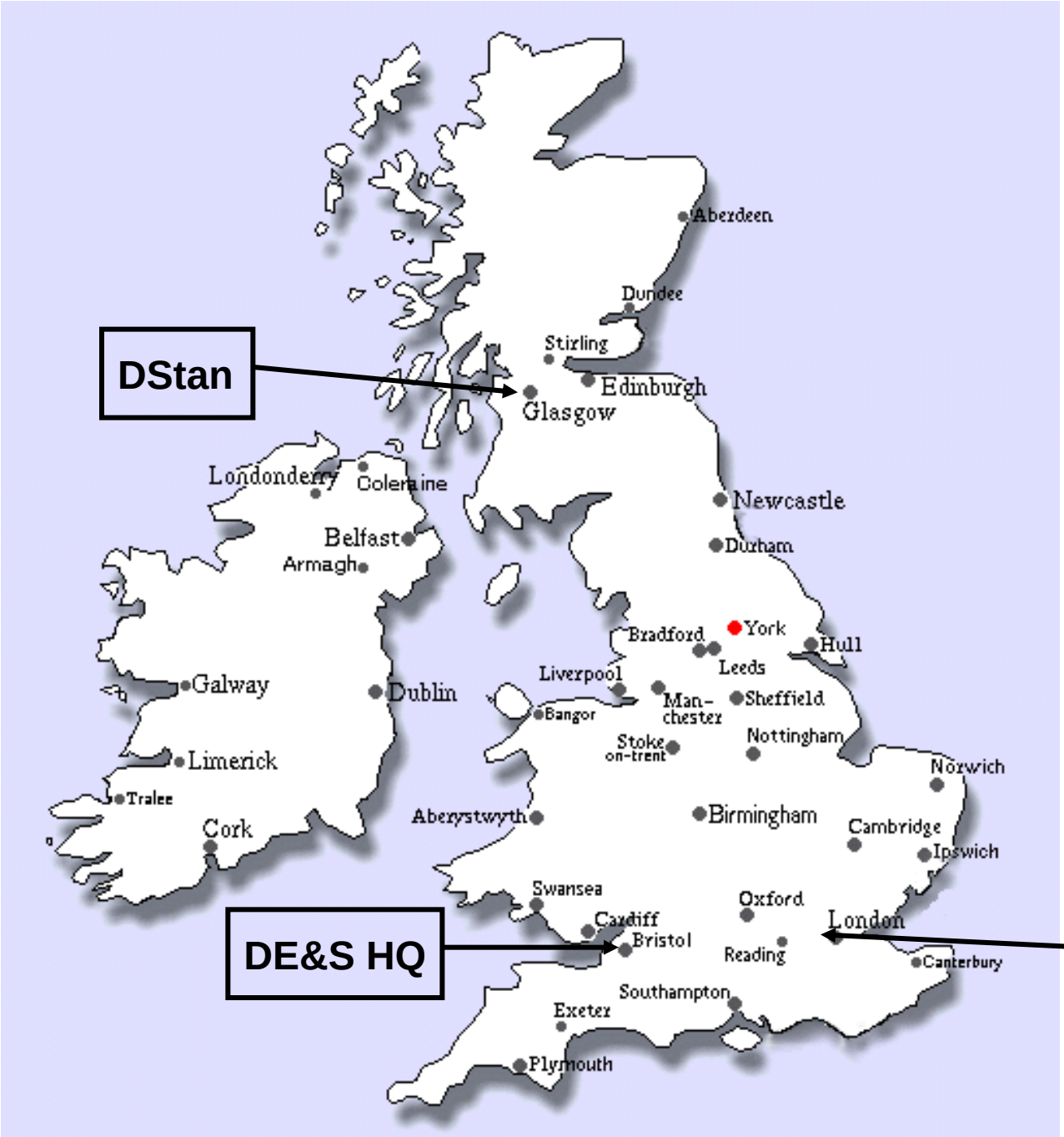
Thought leaders: BSI shaped the world's most adopted standards, incl. ISO 9001, ISO 14001, OHSAS 18001

Trusted: a Royal Charter Company, reinvesting profits back into the business

Respected: by government and industry to promote the role of standards alongside regulation

Respectful: 'Making Excellence a Habit'– driven by customer needs

Civil as Possible, Military as Necessary


DStan
DE&S HQ
BSI
Aberdeen
Dundee
Stirling
Edinburgh
Glasgow
Londonderry
Coleraine
Belfast
Armagh
Newcastle
Durham
York
Bradford
Leeds
Hull
Liverpool
Man-
chester
Sheffield
Bangor
Stoke
on-trent
Nottingham
Norwich
Galway
Dublin
Limerick
Tralee
Cork
Aberystwyth
Birmingham
Cambridge
Ipswich
Swansea
Cardiff
Bristol
Oxford
London
Reading
Canterbury
Southampton
Exeter
Plymouth

BSI DRIVERS, NEEDS & BSI STRATEGIC OBJECTIVES

UK Drivers:

Defence

HMG

All Sectors……

International Drivers:

ISO/IEC

CEN/CENELEC

ETSI

BSI Needs:

UK NSB

Thought leadership

Support HMG policy

BSI Strategic Objectives:

Interact and engage with stakeholders and business communities early

Become stakeholders partner of choice for standards making

Ensure standards development activity is responsive to market needs

Identify & meet the changing needs of customers & stakeholders

Influence

Influence

DEF/1 Delivers:

MoD, BSI & Industry collaboration

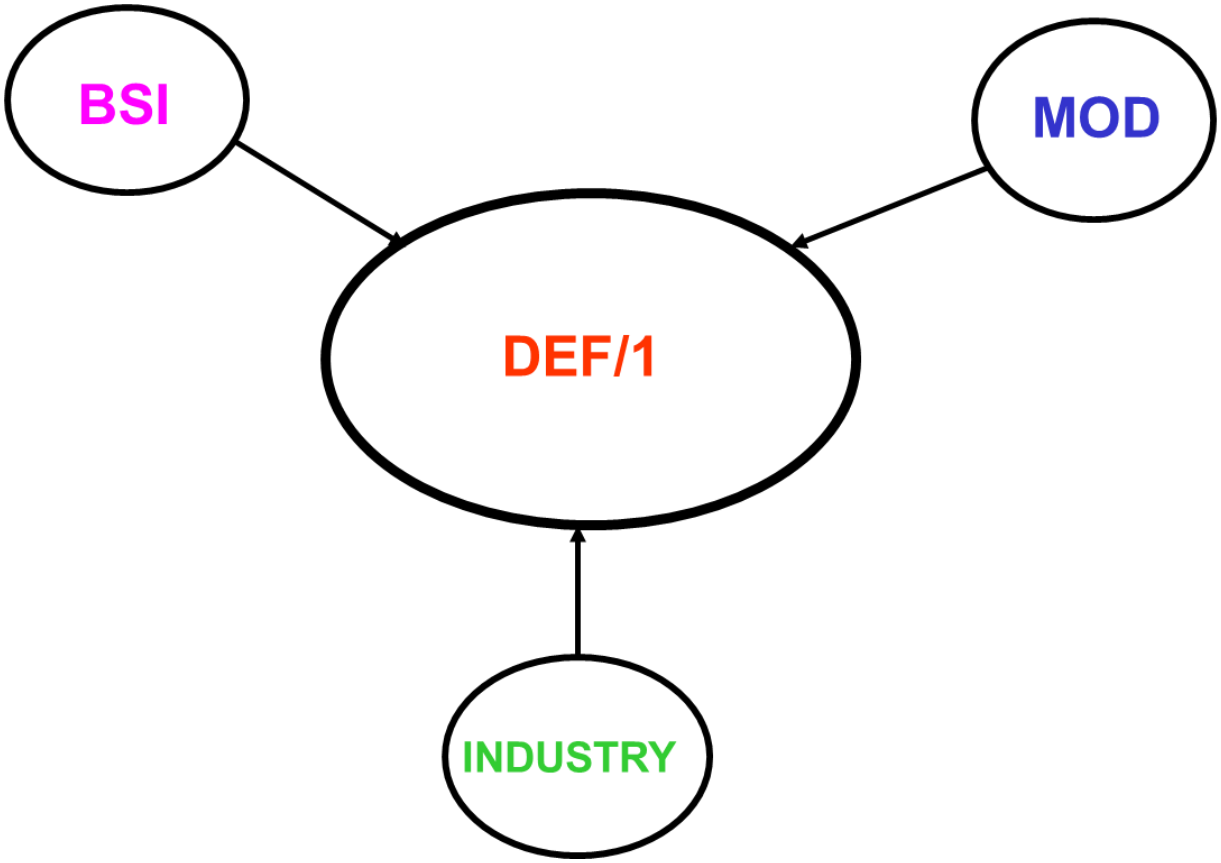
MoD representation at CEN/CENELEC

MoD advice & guidance on UK, EUR & NATO standardization

Civil standards solutions for defence

Civil as Possible, Military as Necessary

BSI DEF/1 – Defence Committee

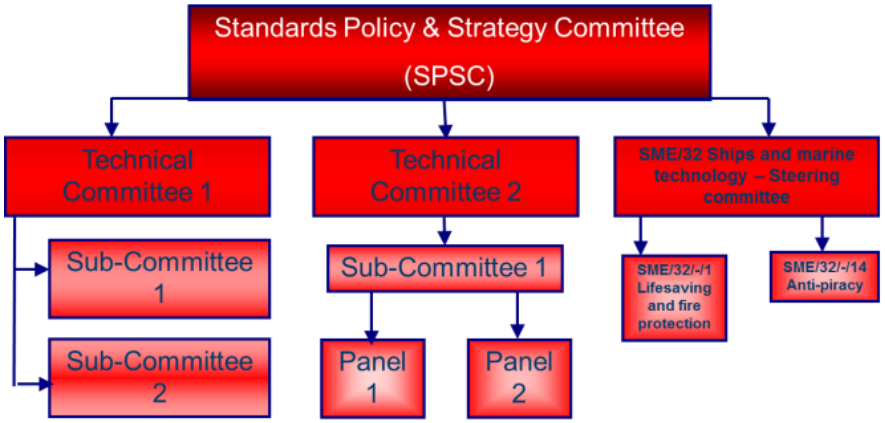


Civil as Possible, Military as Necessary

How BSI committees work

Committee composition

Hierarchy of national committees



Civil as Possible, Military as Necessary

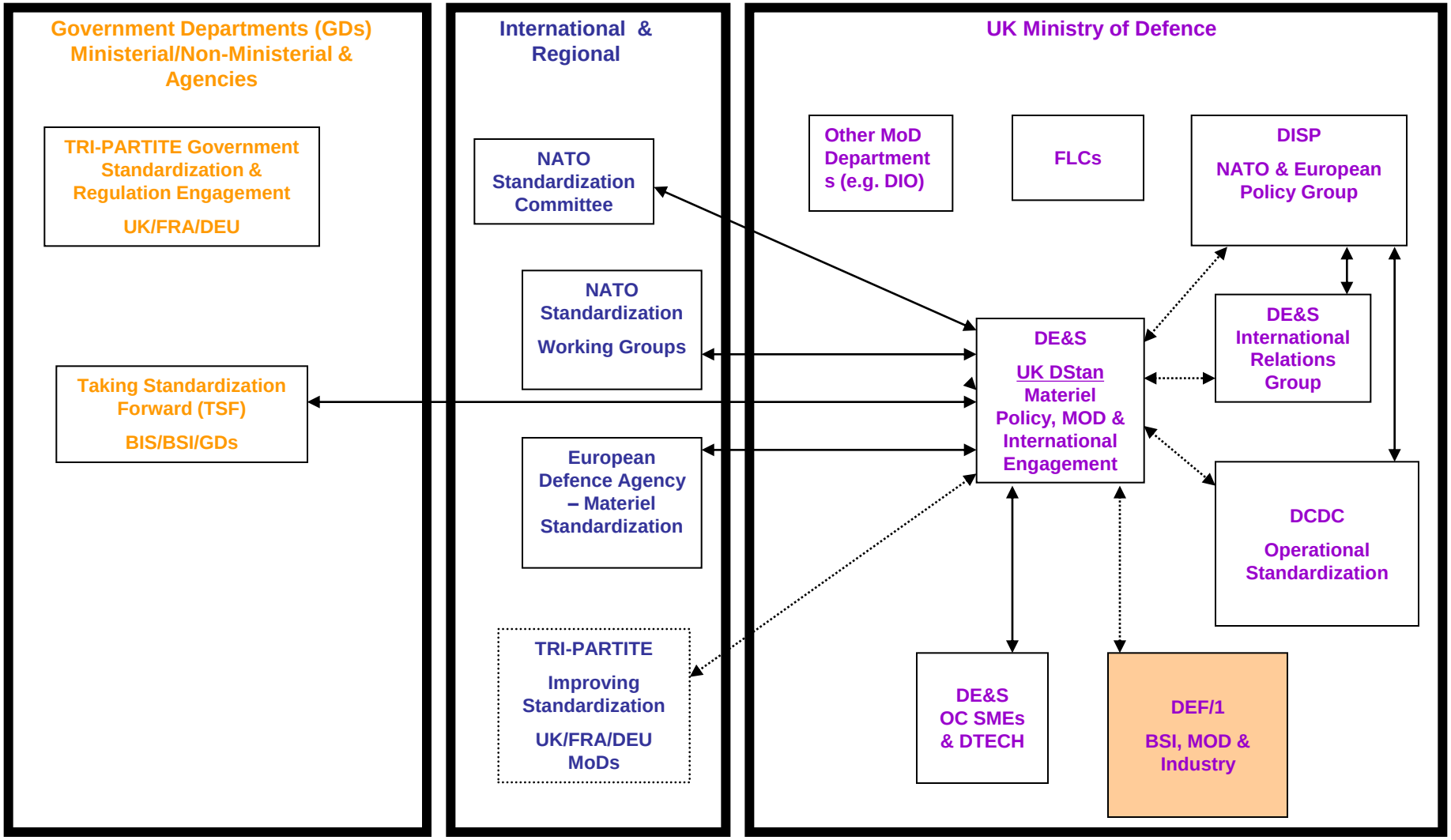
BSI DEF/1 – Defence Committee

The aim of DEF/1 is to facilitate MoD, BSI & industry dialogue to enable BSI to best represent defence interests at CEN/CENELEC and ISO/IEC

DEF/1 Terms of Reference:

- Co-ordinating UK response to defence standardization proposals from national, European or international sources
- Identification of perceived or actual duplication of effort and resolution of best route for standardization
- Resolution of issues
- Establishment of projects and identification of resources to meet project goals
- Monitoring of performance/delivery on projects

UK Government/NATO&EDA/MoD Standardization Lines of Communication



Two way communication in place

New lines recently established – still to be strengthened

Civil as Possible, Military as Necessary

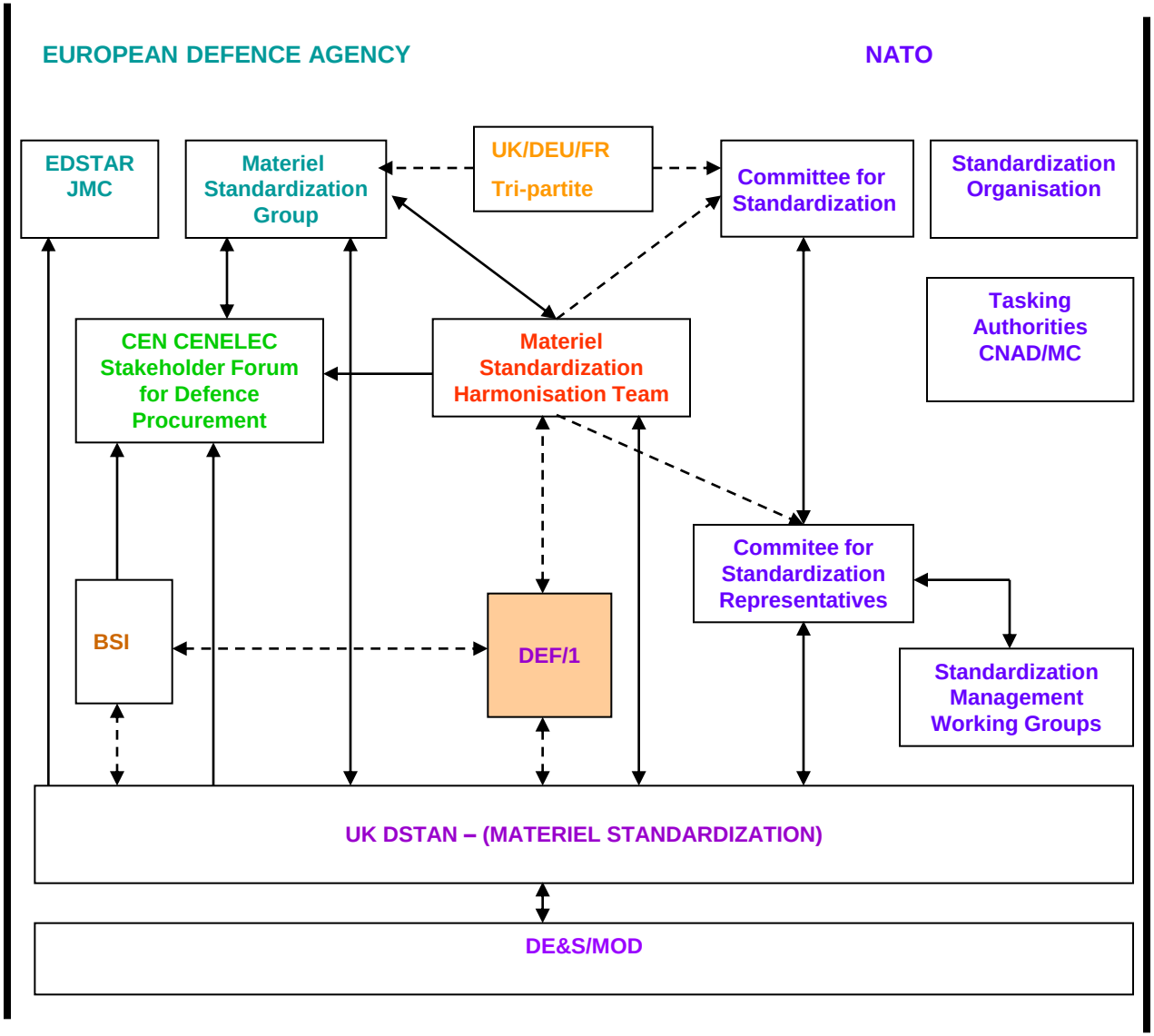
NATO/EDA/UK MoD Standardization Lines of Communication

•Policy, Processes, Procedures & Projects
•Hybrid Stds Process
•Defence Specific Stds
•EDSTAR Development & Maintenance

•Policy & Processes
•PQ Support
•Hybrid Support
•EDSTAR Support
•Bilateral Standards
•EDA/NATO Interface

•Hybrid Stds Process
•Defence Specific Stds
•PQ Process
•Def Stan Transfer

•Hybrid Stds Process
•Defence Specific Stds
•PQ Process
•Def Stan Transfer
•Bilateral Standards



Policy, Processes & Procedures
Stdz Proposals
Ratification
NSO Reform
STANAG Transfer
Def Stan Transfer

Policy, Processes & Procedures
Stdz Proposals Support
NSO Reform inform
STANAG Transfer inform
Def Stan Transfer inform
NATO/EDA Interface

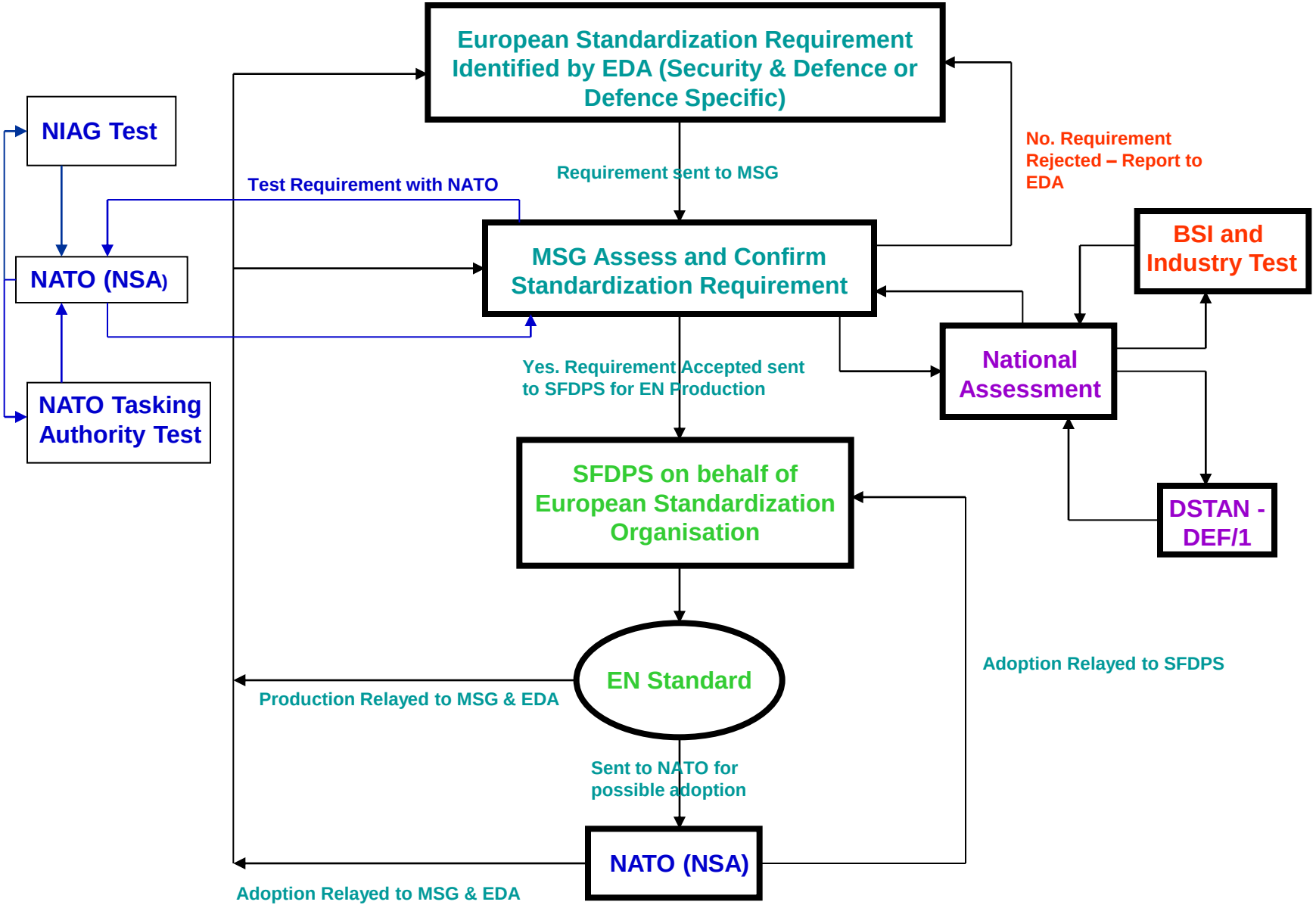
Policy, Processes & Procedures

Stdz Proposals
STANAG Transfer
Def Stan Transfer

Civil as Possible, Military as Necessary

Two way communication in place

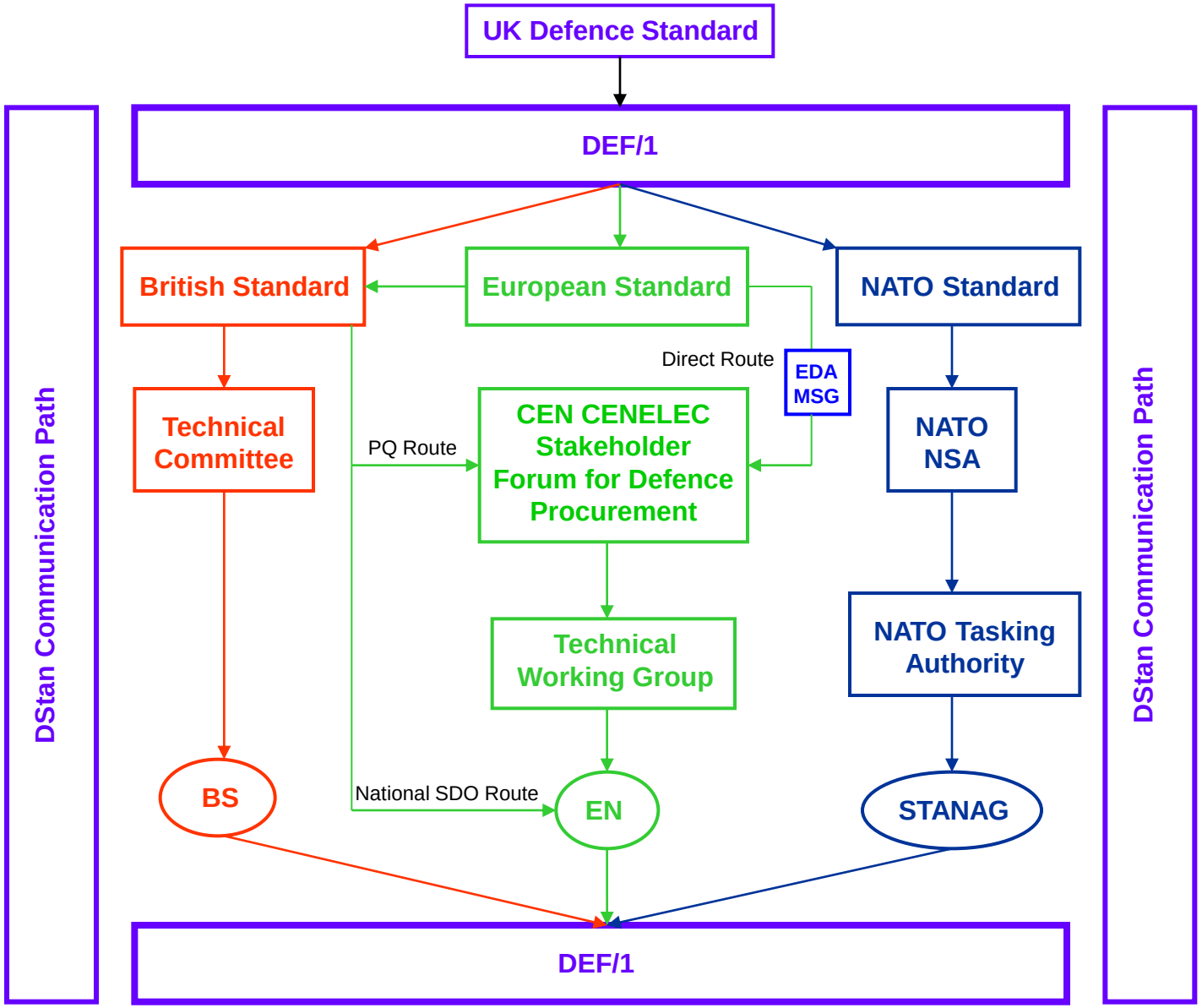
New lines recently established – still to be strengthened



The UK Hybrid Standard Process

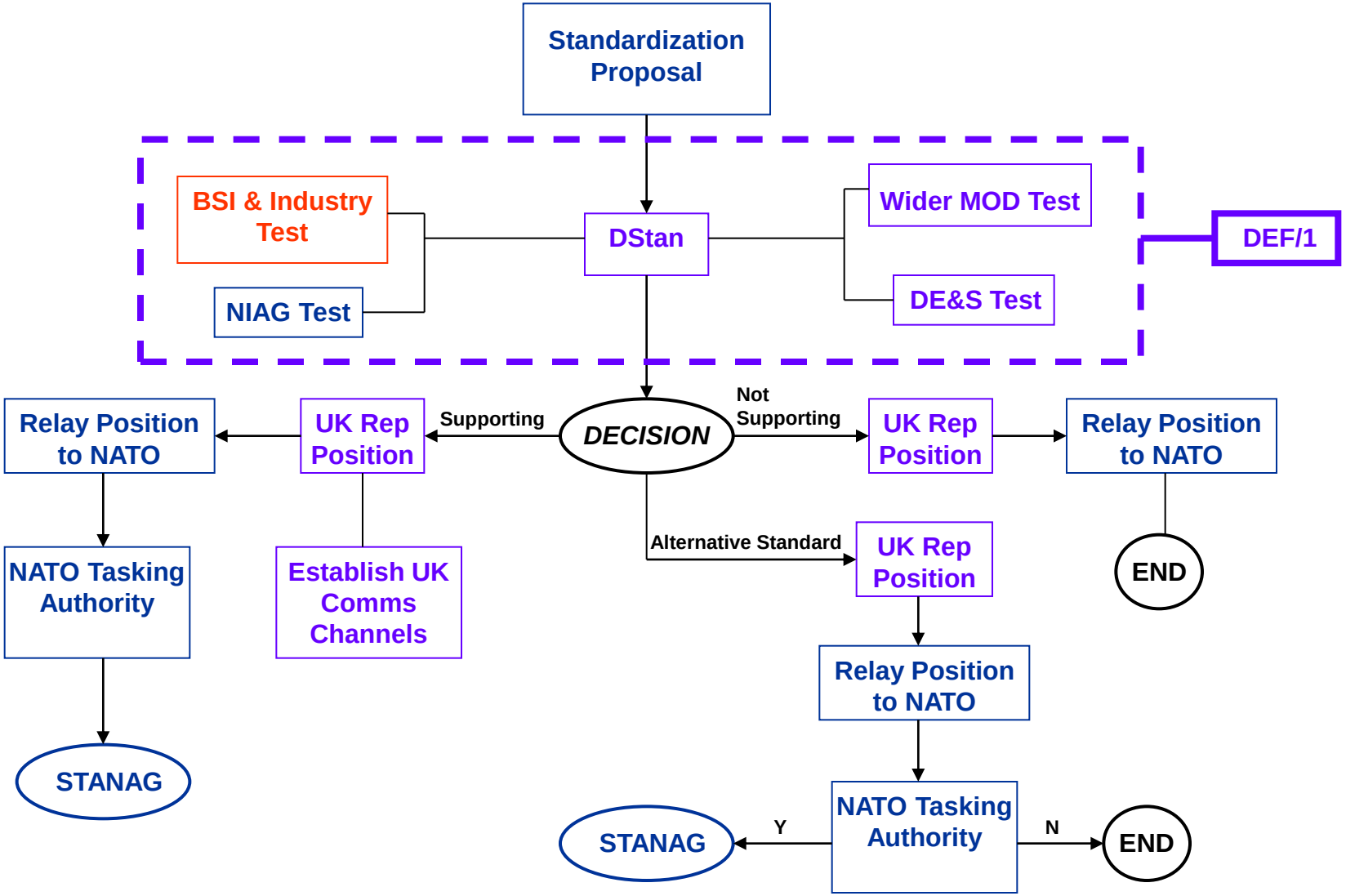
Civil as Possible, Military as Necessary

UK Defence Standard Conversion Routes



Civil as Possible, Military as Necessary

The NATO Standardization Proposal Process



Civil as Possible, Military as Necessary

QUESTIONS

CONTACT DETAILS

Harry Mclernon
International Standardization Management
UK Defence Standardization
Room 1138, Kentigern House
65 Brown Street
Glasgow G2 8EX

Tel: +44 141 224 2496
Fax: +44 141 224 2503
Email: destech-agdstan-int1@mod.uk

Sally Swingewood
Lead Programme Manager, Governance & Resilience
British Standards Institute
389 Chiswick High Road
London W4 4AL

Tel: +44 20 8996 7034
Mobile: +44 7859 112599
Email: sally.swingewood@bsigroup.com

Civil as Possible, Military as Necessary