

SPOT - The Safer Prescription of Opioids Tool:

Deployment and Scale-up in Clinical Practice.



A safe and easy way to support you switching opioids



Authors

Dr Annabel Howell, Geraldine Finnan, Laura MacDougall, Dr Roger Flint

SPOT - The Safer Prescription of Opioids Tool is a novel digital Clinician Decision Support medical device proven to increase prescriber confidence and adherence to NHS Scotland Guidelines when performing opioid conversion [1].

SPOT is currently undergoing Board-wide roll-out across NHS Borders to all prescribing clinicians and nurses. Effective mechanisms must be in place to not only roll out this innovation but also to ensure that the benefits of its use are optimised and promote acceleration in improvements across multiple areas.

This poster examines the steps and activities undertaken to ensure successful roll-out of a novel software medical device across NHS Borders, the barriers to adoption and the methods and mechanisms required to overcome these blocks. This process can be used to spread SPOT and other medical device software to other Health Boards in Scotland.

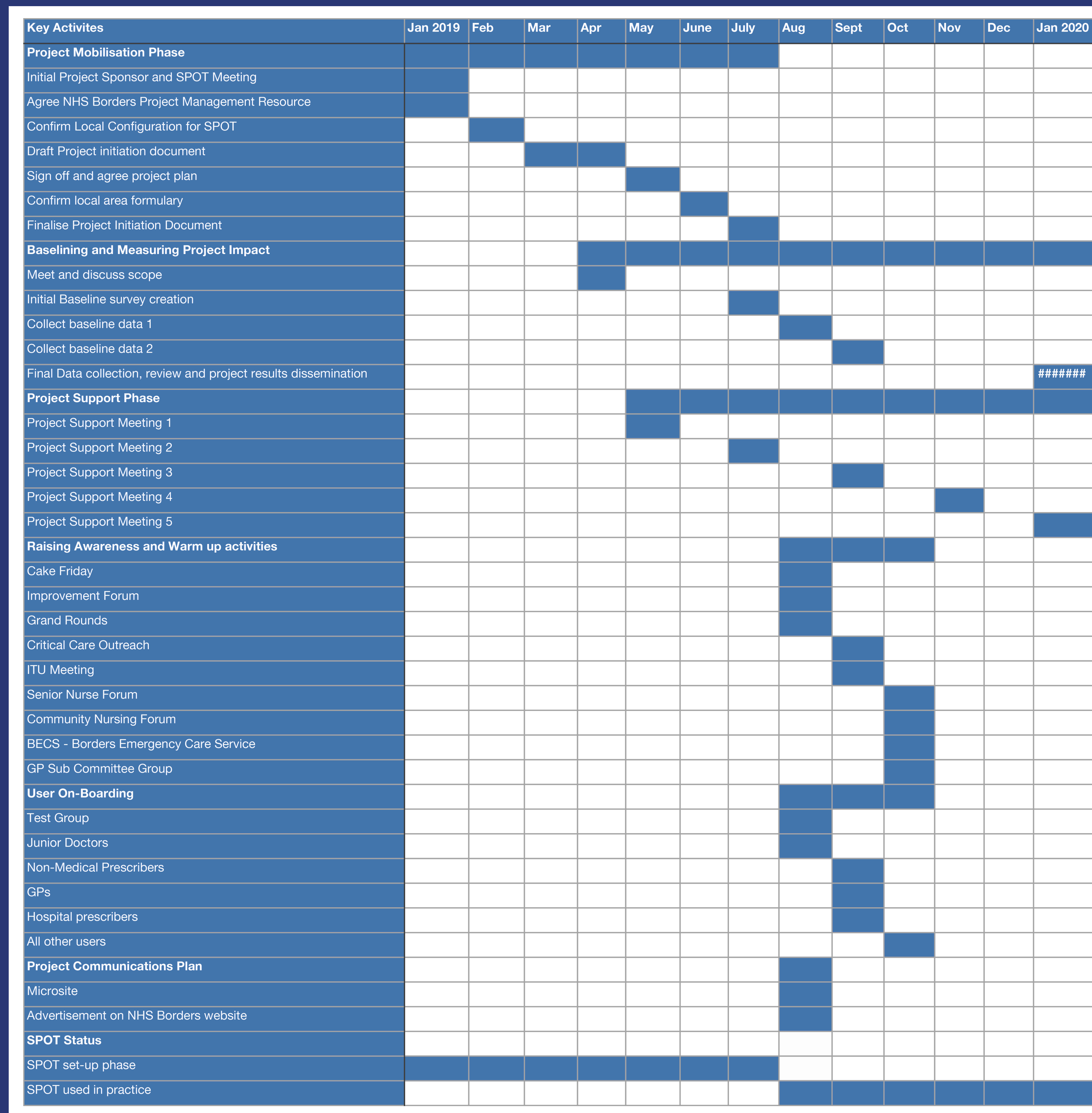


Figure 2. Key practical steps required to implement the HIS Proposed Spread and Sustainability for the deployment of SPOT in NHS Borders

This roll-out methodology uses the proposed HIS Spread and Sustainability framework, Figure 1 [2].

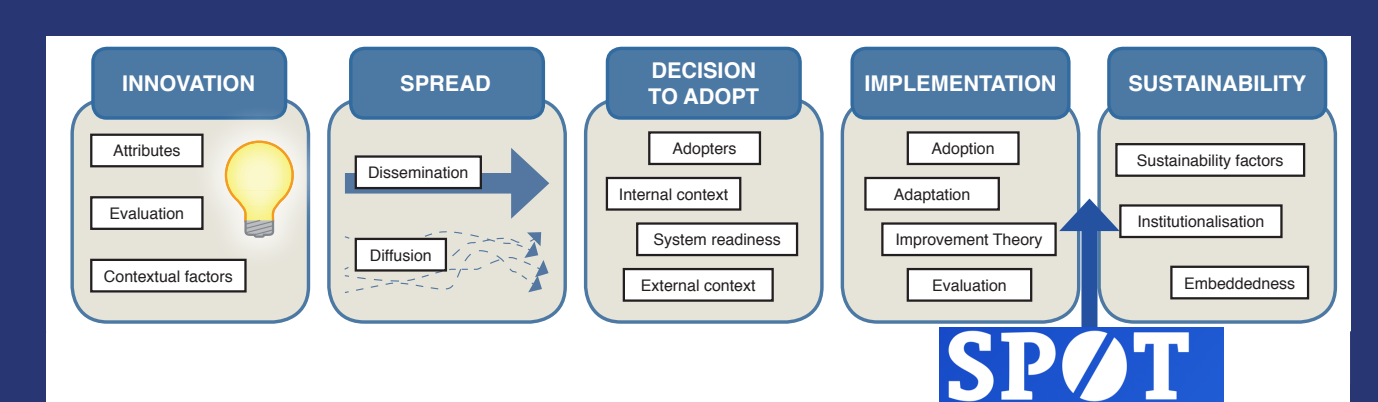


Figure 1. Health Improvement Scotland Proposed Spread and Sustainability framework, and SPOT's current place in that framework [2]

The lack of effective spread of innovation results in the existence of 'pockets of excellence, where successful improvements are localised and their improvements are only observed within the context of the project. Effective mechanisms are required to spread innovations such as SPOT to multiply benefits and accelerate improvement [2].

Such spread and implementation requires a number of different individuals in specific roles to ensure efficient uptake, spread and advocacy in an institution or Health Board, Figures 2, 3.

Figure 3. Personnel involved in NHS Borders roll-out, their roles and responsibilities.



Dr Annabel Howell
Project Sponsor and Medical lead. Key project leader. Executive Sponsor. Provides active senior clinical leadership to drive SPOT into routine practice.



Geraldine Finnan
Quality Improvement Facilitator. Senior leadership of SPOT. Drives clinician and staff engagement with SPOT. Sets up infrastructure for sustainability and agency for change.



Laura MacDougall
Project Support Officer. Key link in organising and executing spread plan and implementing this plan. Develops communications plan, identifying key audience and monitoring spread.



Dr Roger Flint
SPOT innovator and product knowledge. Responsible for communicating SPOT message to individuals and to groups

Summary

We used the HIS Proposed Sustainability and Spread model to drive uptake of SPOT throughout NHS Borders.

Innovation spread and sustainability requires a strong team with good organisation and clinical leadership and we are currently in the implementation phase but moving steadily towards the sustainability phase.

One of the key components of implementation and sustainability, however, is enthusiasm which is essential!

References:

1. Flint, R.; Buchanan, D.; Jamieson, S.; Cuschieri, A.; Botros, S.; Forbes, J.; George, J. The Safer Prescription of Opioids Tool (SPOT): A Novel Clinical Decision Support Digital Health Platform for Opioid Conversion in Palliative and End of Life Care—A Single-Centre Pilot Study. *Int. J. Environ. Res. Public Health* 2019, 16, 1926.
2. Opacua, A. Health Improvement Scotland. Guide on spread and sustainability. July 2013

