



INDEPENDENT COMMUNICATIONS
AUTHORITY OF SOUTH AFRICA

DYNAMIC SPECTRUM ALLIANCE 2024 DSA GLOBAL SUMMIT

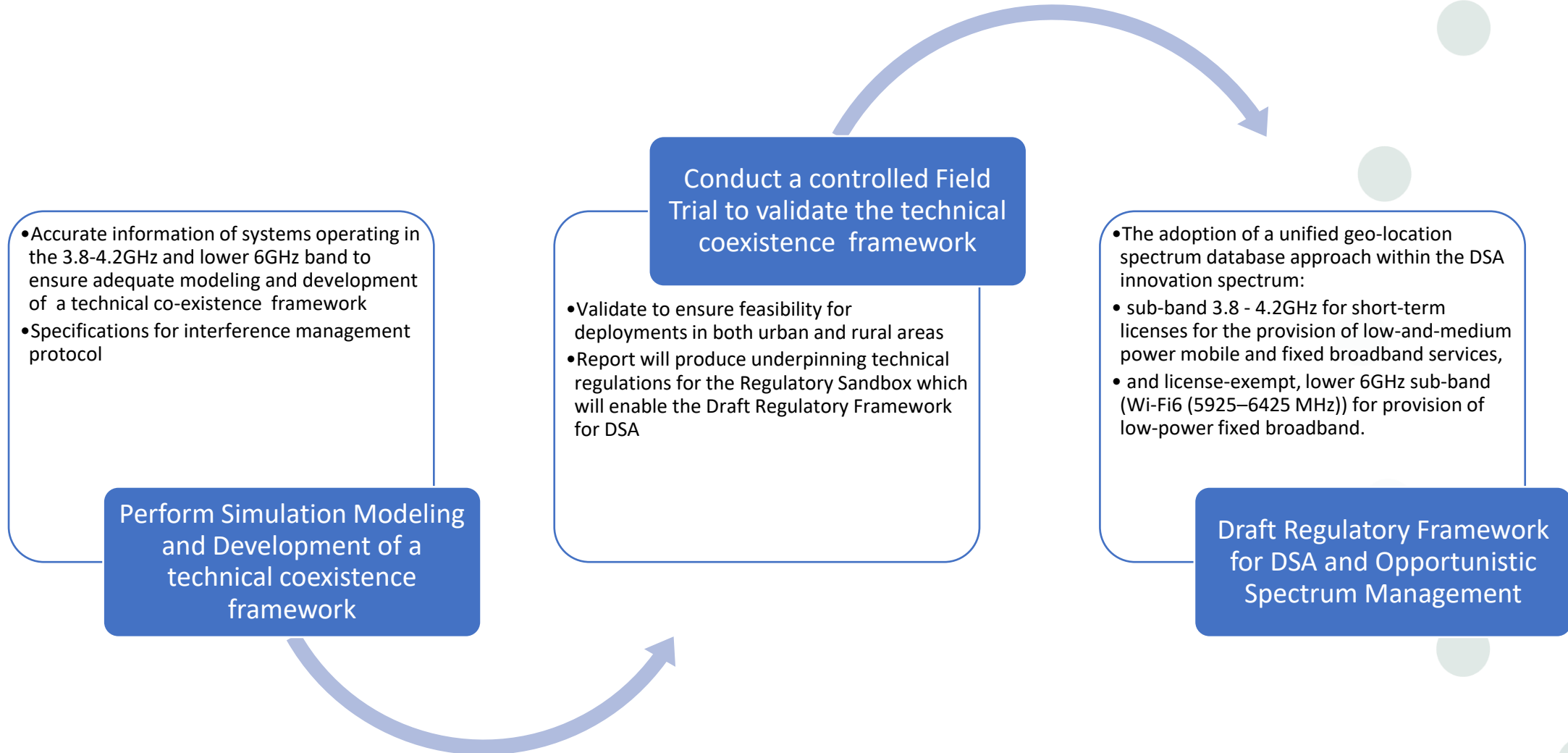
Cllr Thabisa Faye

23-25 SEPTEMBER 2024

Background

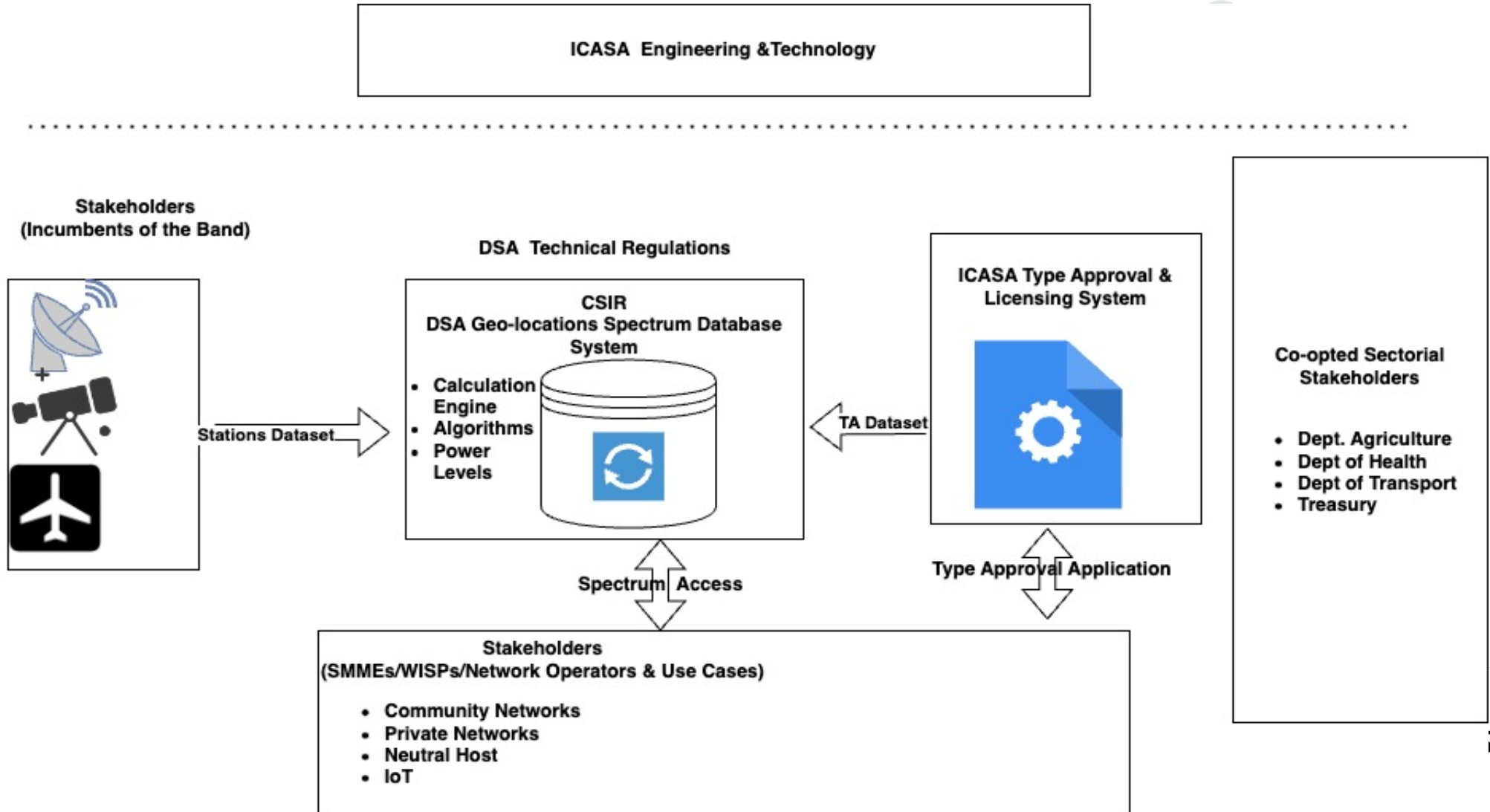
- Demand for wireless broadband capacity is growing much faster than the availability of new spectrum for supporting wireless infrastructure deployment, this requires new approaches to spectrum management. Ensure Universal Access and Efficient use of Spectrum.
- TVWS was proposed in the first phase of implementation of dynamic and opportunistic spectrum management in 470-694MHz
- This is the second phase aims to identify and implement dynamic and opportunistic spectrum management in 3800-4200 and the lower 6GHz
- A **Regulatory Sandbox** Framework for Dynamic Spectrum Access and Opportunistic Spectrum Management

Draft Regulations Process



DSA Sandbox Framework

The framework
Underpinned by
Technical Regulations



Regulatory Framework for Dynamic Spectrum Access and Opportunistic Spectrum Management

2023/24	2024/25	2025/26
Discussion Paper On Dynamic Spectrum Access And Opportunistic Spectrum Management Collaboration with Research Institution - CSIR	Simulations, modelling of technical coexistence framework (August-September) Validation of technical coexistence framework through trials (October-November) Draft Regulatory Framework for DSA	Development of a Prototype GLSD to be used for DSA Regulatory Framework for DSA

3 Years !