**ICSM STRATEGIC FRAMEWORK 2019-2024 – VERSION 0.2**

OUR VISION: **Anyone, anywhere, anytime, can use foundation spatial data as easily and reliably as switching on a light.**

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| **NATIONAL DRIVERS**ANZLIC Collaborative FrameworkANZLIC Foundation Spatial Data Framework2026 Spatial Industry Transformation & Growth Agenda | **INTERNATIONAL DRIVERS**United Nations Sustainable Development GoalsStandards for spatial data creation, collection and delivery |

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| **Strategic Challenge** | **IMPROVE** **FOUNDATION SPATIAL DATASETS**  | **ADDRESS** **EMERGING SPATIAL DATA CHALLENGES** | **COMMUNICATE** **THE VALUE OF ICSM** **AND OUR WORK** |
| Mission | To provide the environment to broker, link and bring together foundation spatial data from across the governments of Australia and New Zealand into trusted and relevant national datasets. | To identify and respond to common spatial problems faced by the governments of Australia and New Zealand, and develop consistent approaches to those problems. | To consult and engage with our stakeholders to communicate the value of spatial to government |
| Goals | Foundation spatial data is interoperable – it is easy to integrate with other data and technologies.Improved digital supply chain for synthesised, national foundation spatial datasets.Foundation spatial data meets well-identified, cross-border national needs. | Foundation spatial datasets can be used with precise positioning, with modernised datums, and across the coastal zone.Spatial extents of law are legally recognisable and defensible.Foundation spatial datasets can be used to model changes in the physical and regulatory environment through time. | ICSM is relevant, valued and understoodA coordinated, integrated approach to managing work of mutual interest.*Skills transition to ‘data science’* |
| Strategic Actions 2019-2024 | Provide educational resources to aid the implementation of standards for discovering foundation spatial data. Implement digital workflows for, and virtual aggregation of, national datasets.Coordinate options to share infrastructure for management and delivery.Coordinate data capture to support national use cases, and address gaps in content and quality. | Implement GDA2020 and dynamic datum for foundation spatial datasets.Communicate impact of the modernised datums on other datasets and their custodians.Lead the adoption of digital location information in legislation to replace the use of analogue map-based information.Enable foundation spatial datasets for 3D and 4D applications.Data crossing the coastal zone can be easily joined and used. | Engage with users to better understand their needs for foundation spatial data held by governmentIncrease the profile and visibility of ICSM.Communicate to government the benefits of ICSM collaboration.  |

**ICSM WORK PLAN FOR 2019-20**

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| **Strategic Challenge** | **IMPROVE** **OUR FOUNDATION SPATIAL DATASET** **SUPPLY CHAINS** | **ADDRESS** **AUSTRALIA AND NEW ZEALAND’S** **SPATIAL DATA CHALLENGES** | **COMMUNICATE** **THE VALUE OF ICSM** **AND OUR WORK** |
| **Work Plan****2019-20** | **Standards and guidelines to improve the discoverability of foundation spatial datasets**Metadata best practice guide and implementation schemas (Metadata WG)Review of AS4819 (PCA)**Digital workflows for, and virtual aggregation of, national datasets**Strategy for update to Gazetteer of Australia (ICSM Exec Office)Engagement on new approaches to transport datasets (Transport WG)**Coordinate options to share infrastructure for data management and delivery**ELVIS Strategy (ICSM Exec Office)SMES Proof of Concept (SMES WG)Delivery of elevation information via ELVIS (PCTI)**Coordination of data capture to support national use cases, and address consistency gaps in content and quality.**Coordination of tidal observations (PCTMSL)Coordination of geodetic observations (PCG)Publication of forward programs for data acquisition (PCTI)Options for national imagery coordination (ICSM Exec Office and PCTI)Policies and approaches for indigenous naming (PCPN) | **Implement GDA2020 and dynamic datums for foundation spatial datasets**Coordinate the release of foundation spatial data on GDA2020 (GDA Modernisation Implementation WG)Impact of datum change on legislation (GDA Legislation WG)**Communicate impact of the modernised datums for other datasets, and for other data custodians**Engage with spatial data users on impacts of datum modernisation (ICSM Exec Office, PCG, GMIWG)**Adoption of digital location information in legislation to replace the use of analogue map-based information**Coordinate the recapture of coastlines, land borders and territorial sea baselines (PCTI)**Implement 3D and 4D parameters in foundation spatial datasets**Release of historic aerial photography (PCTI)Implement 3D for cadastre (Digital Cadastre WG)Implement 3D for elevation and imagery (PCTI)**Develop and implement Aushydroid model**Interim Aushydroid model for Torres Strait (Aushydroid WG) | **Engage with users to better understand their needs for foundation spatial data held by government**Compile and publish national use cases for foundation spatial data.**Increase the profile and visibility of ICSM**Education material for our subject matter areas of focus.**Communicate to government the benefits of ICSM collaboration**Establish new National Collaborative Framework |