

FSDF Cross-Theme Roadmap

Currently funded and included in work programs

Required to meet outcome, but not yet funded nor included in work programs of custodians / sponsors

Outcomes against Areas of Focus		Goals			Future Status		
		2015	2016	2017			
Quality	<ul style="list-style-type: none"> Each of the foundation spatial datasets can be combined with one another, and other business information, to create national products including base maps for online mapping applications, online globes, topographic maps, navigation charts, the National Gazetteer, and customised spatial products. User needs for national foundation spatial data and products captured, documented and reviewed regularly to ensure alignment and relevance of foundation spatial data with national needs. User needs for national foundation spatial data will be incorporated into the data management plans for each dataset. Cross-dataset or cross-theme collection or update programs for foundation spatial data utilised to reduce costs in data updates FSDF Model Framework (ISO, OGC and AS/NZS) developed 	<p>User requirements documented and incorporated into relevant dataset management plans</p> <p>First pass of FSDF common model and thematic models will be created</p> <p>Report on future geospatial trends completed</p> <p>plan for sharing knowledge, and expanding custodians' expertise, in UML</p>	<p>Existing data models for datasets will be incorporated into the FSDF model framework</p> <p>User requirements for insurance and planning, environmental management, social services, and indigenous affairs will be captured, documented</p>	<p>Further user requirements for national uses of foundation spatial data documented</p> <p>FSDF common and thematic models updated</p>	<p>The representation of foundation spatial datasets accurately reflects real-world relationships.</p> <p>Foundation spatial datasets meet the needs of users and satisfy legal obligations across a range of sectors.</p> <p>Foundation spatial datasets, and derived products, are interoperable, discoverable and accessible using internationally-recognised standards.</p> <p>Sponsor:</p>		
		<ul style="list-style-type: none"> Jurisdictions (including the Commonwealth) will have a robust understanding of the relevance of national needs for foundation spatial data to their own operational requirements. Updates between interdependant national and jurisdictional datasets occur as close to real-time as possible. Arrangements in place to recognise the relationships between the various custodians. Policies and models in place to manage intellectual property rights. High performance computing used to manage national data and derive national products("big data"). Direct editing of custodian datasets by trusted users 	<p>Dependencies of the foundation datasets documented and incorporated into the relevant FSDF thematic models</p> <p>Governance arrangements for FSDF models finalised</p> <p>Gaps in supply chains documented</p>	<p>Intellectual property policy and models reviewed and finalised</p> <p>Procedures for generating national products from data will be documented</p> <p>National needs for foundation data incorporated into custodian processes in all jurisdictions</p> <p>Gaps in supply chains addressed for each theme, and across themes.</p>		<p>Cross-dataset agreements between custodians and trusted users in place</p>	
			<ul style="list-style-type: none"> National products derived from foundation spatial data will be delivered as OGC standard web services, or via apps and portals. Foundation spatial data will be organised and visualised in such a way that is easily understood by end users 	<p>Current state of delivery mechanisms for foundation spatial data and derived products documented</p> <p>Completed plan for sharing knowledge, and expanding custodians' expertise, in web services</p>		<p>Agreed symbology and taxonomy for the visualisation and organisation of foundation spatial data in globes and online portals managed by ANZLIC members</p>	<p>Procedures documented for delivering national products from foundation spatial data, including use of web services</p>
				<ul style="list-style-type: none"> The FSDF models are available under no restriction to end users Pricing and licencing arrangements for national products derived from foundation spatial data will be subject to any restrictions on that foundation spatial data that apply in the supply chain Sustainable funding for foundation spatial data in place. 		<p>FSDF models are published as CC BY</p> <p>Funding models investigated.</p>	<p>Funding and business models implemented.</p>
			<ul style="list-style-type: none"> Users of national foundation spatial data, and derived national products, will be engaged on a regular basis to ensure alignment of foundation spatial data with their current and emerging needs. Modelling expertise in custodians will be further developed through special interest groups which utilise existing knowledge in the UML modelling community 			<p>National requirements incorporated from renewable energy, emergency management, surface and air navigation, marine, water security</p> <p>Modelling reference group established to share knowledge</p>	<p>National requirements incorporated from insurance, environmental management, social services</p> <p>Other user requirements incorporated as they arise</p>