

## Member Nodes - MNDeployment #6544

### TERN Australia (powered by AEKOS)

2014-11-03 00:35 - Laura Moyers

<b>Status:</b>	Operational	<b>Start date:</b>	2015-03-20
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	Bruce Wilson	<b>% Done:</b>	97%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Operational	<b>MN_Date_Online:</b>	2015-06-23
<b>Latitude:</b>	-34.93	<b>Name:</b>	
<b>Longitude:</b>	138.60	<b>Logo URL:</b>	
<b>MN Description:</b>	TERN is Australia's land ecosystem observatory. TERN observes and measures the cause and effect of ecosystem change—from site to continental scale—and delivers data streams that enable environmental research and management.		
<b>Base URL:</b>	http://www.tern.org.au/	<b>Date Upcoming:</b>	
<b>NodeIdentifier:</b>	urn:node:TERN	<b>Date Deprecated:</b>	
<b>MN Tier:</b>	Tier 1	<b>Information URL:</b>	
<b>Software stack:</b>	GMN	<b>Version:</b>	

#### Description

AEKOS is the data repository component of TERN Eco-informatics. Their metadata standard is RIF-CS (the Australian National Data Service standard), but we intend to use EML for the DataONE MN:

[https://releases.dataone.org/online/api-documentation-v1.2.0/design/SearchMetadata\\_eml.html](https://releases.dataone.org/online/api-documentation-v1.2.0/design/SearchMetadata_eml.html)

and use GMN as the MN stack.

#### Subtasks:

Task # 6899: TERN: Join DataONE	Closed
Task # 6901: TERN: Plan the implementation	Closed
Task # 6903: TERN: Implement search index and display (ONEMercury) support for any new ...	Closed
Task # 6905: TERN: Local Testing	Closed
Task # 6906: TERN: Establish DataONE user identity in Testing Environment	Closed
Task # 6907: TERN: Configure SSL Certificates for Testing Environment	Closed
Task # 6908: TERN: Verify MN Content and Services in Testing Environment	Closed
Task # 6909: TERN: Register MN in Testing Environment	Closed
Task # 6910: TERN: Verify CN Content and Services in Testing Environment	Closed
Task # 6911: TERN: Check Authentication and Authorization in Testing Environment	Closed
Task # 6912: TERN: Show MN as "upcoming" on the dashboard	Closed
Task # 6913: TERN: Establish DataONE user identity in Production	Closed
Task # 6914: TERN: Configure SSL Certificates for Production	Closed
Task # 6915: TERN: Verify MN Content and Services in Production	Closed
Task # 6916: TERN: Register MN in Production	Closed
Task # 6917: TERN: Verify CN Content and Services in Production	Closed
Task # 6918: TERN: Check Authentication and Authorization in Production	Closed
Task # 6919: TERN: Mutual acceptance	Closed
Task # 6920: TERN: Ensure MN appears on Current MNs webpage (dashboard)	Closed
Task # 6921: TERN: Document and Announce	Closed
Task # 7505: Correct generous access policies	In Progress
Task # 8374: TERN-update name & logo	Closed

Task # 8569: (TERN) update both MNs to that latest version, 2.4.2,	<b>Closed</b>
Task # 8680: TERN - GMN upgrade from 2.4.2 to 3.0.4	<b>Closed</b>
<b>Related issues:</b>	
Related to Infrastructure - Story #6543: Support RIF-CS metadata standard	<b>New</b>
Related to Infrastructure - Bug #7318: Indexing failure with ObjectPath not f...	<b>Closed</b> <b>2015-08-26</b>

## History

### #1 - 2014-11-06 20:58 - Laura Moyers

- Status changed from New to Planning

### #2 - 2015-01-23 16:21 - Laura Moyers

- Target version changed from Deploy by end of Y1Q1 to Deploy by end of Y1Q3

### #3 - 2015-03-20 13:42 - Laura Moyers

- NodeIdentifier changed from urn:node:AEKOS to urn:node:TERN

- Status changed from Planning to Ready

- Subject changed from AEKOS - Australian Ecological Knowledge and Observation System to TERN Australia (powered by AEKOS)

AEKOS is providing the technical expertise for the development of the TERN Member Node. Initial offerings are from AEKOS, SuperSite, and LTERN with EML, and the plan is to add more content as DataONE provides support for other metadata standards (i.e. ISO 19139, RIF-CS, etc.)

Early meetings: [https://epad.dataone.org/pad/p/AEKOS\\_and\\_DataONE](https://epad.dataone.org/pad/p/AEKOS_and_DataONE)

(verify MN URL)

### #4 - 2015-03-20 17:46 - Laura Moyers

- Base URL changed from <http://www.aekos.org.au/home> to <https://dataone.aekos.org.au/mn/home>

### #5 - 2015-04-17 14:37 - Laura Moyers

- Status changed from Ready to Testing

- % Done changed from 1 to 50

### #6 - 2015-05-26 20:30 - Laura Moyers

- MN Description set to *The Terrestrial Ecosystem Research Network (TERN) connects ecosystem scientists and enables them to collect, contribute, store, share and integrate data across disciplines.*

### #8 - 2015-06-23 16:35 - Laura Moyers

- MN\_Date\_Online set to 2015-06-23

- Status changed from Testing to Operational

Announced 6/23/15.

### #9 - 2015-06-23 16:35 - Laura Moyers

- Target version changed from Deploy by end of Y1Q3 to Operational

### #10 - 2015-06-25 11:10 - Laura Moyers

- Base URL changed from <https://dataone.aekos.org.au/mn/home> to <http://www.tern.org.au/>

Changed MN URL to point to TERN's main webpage.

**#11 - 2015-09-14 18:35 - Dave Vieglais**

- Related to Bug #7318: Indexing failure with ObjectPath not found / Was: mnTestAEKOS PIDs fail to be indexed by Solr in cn-stage due to lack of "Object Path" for the PIDs added

**#12 - 2015-12-16 14:21 - Laura Moyers**

- File tern logo1238x1148px.png added

A higher resolution logo for use on the DataONE website attached. There is also a .tif file available (see Laura) which couldn't be uploaded (size constraint).

**#14 - 2018-01-09 21:00 - Dave Vieglais**

- Sprint set to Ongoing Operational

**#15 - 2018-02-20 21:33 - Amy Forrester**

- MN Description changed from *The Terrestrial Ecosystem Research Network (TERN) connects ecosystem scientists and enables them to collect, contribute, store, share and integrate data across disciplines. to TERN is Australia's land ecosystem observatory. TERN observes and measures the cause and effect of ecosystem change—from site to continental scale—and delivers data streams that enable environmental research and management.*

**#16 - 2018-04-02 19:47 - Amy Forrester**

**HISTORY (re: Alison Specht)**

AEKOS was the name of the Eco-informatics facility of TERN. It was established by TERN (the only initiative other than ACEAS, the synthesis centre that was established by TERN). The person driving that has left, and Siddeswara Guru and the eco-informatics team (with David Turner and Ben Sparrow etc) has restored the alignment with TERN.

So! Hope that helps. DataONE did a great patch with AEKOS, as it adopted a rather novel approach for data organisation.

TERN (primarily with the eco-informatics facility) is currently working with the Atlas of Living Australia (ALA) previously led by Donald Hobern to share data.

**Files**

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tern logo1238x1148px.png	289 KB	2015-12-16	Laura Moyers
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