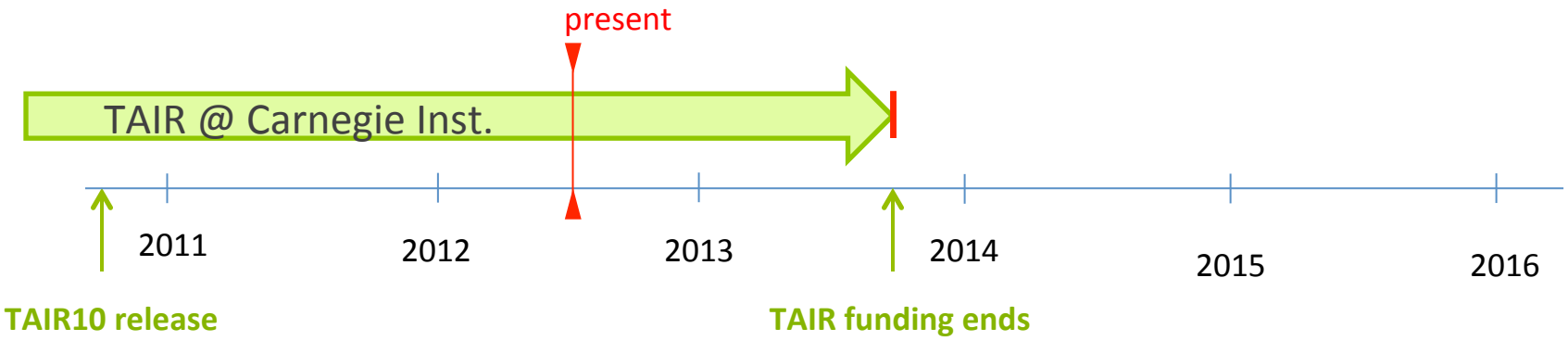
TAIR transition

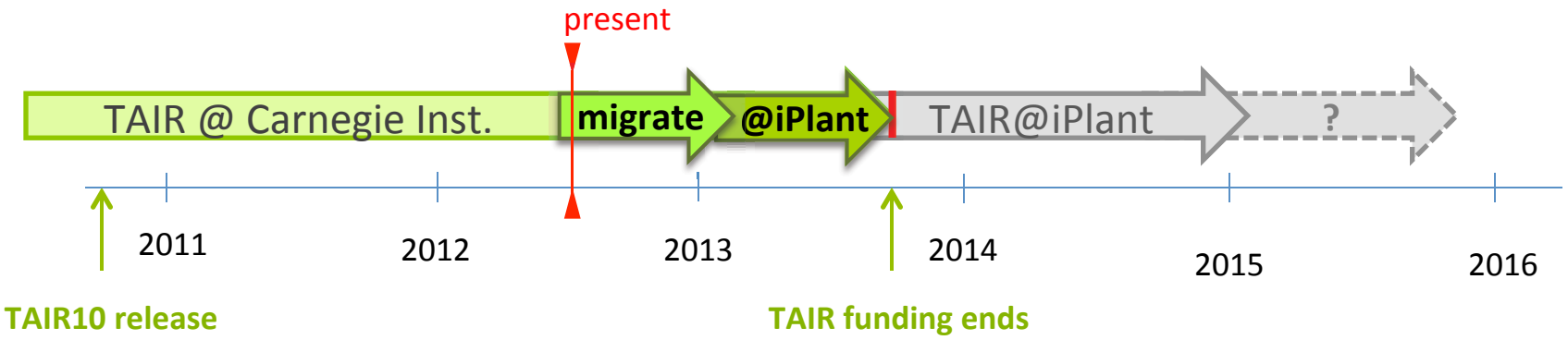
Eva Huala

Why do we need a transition?



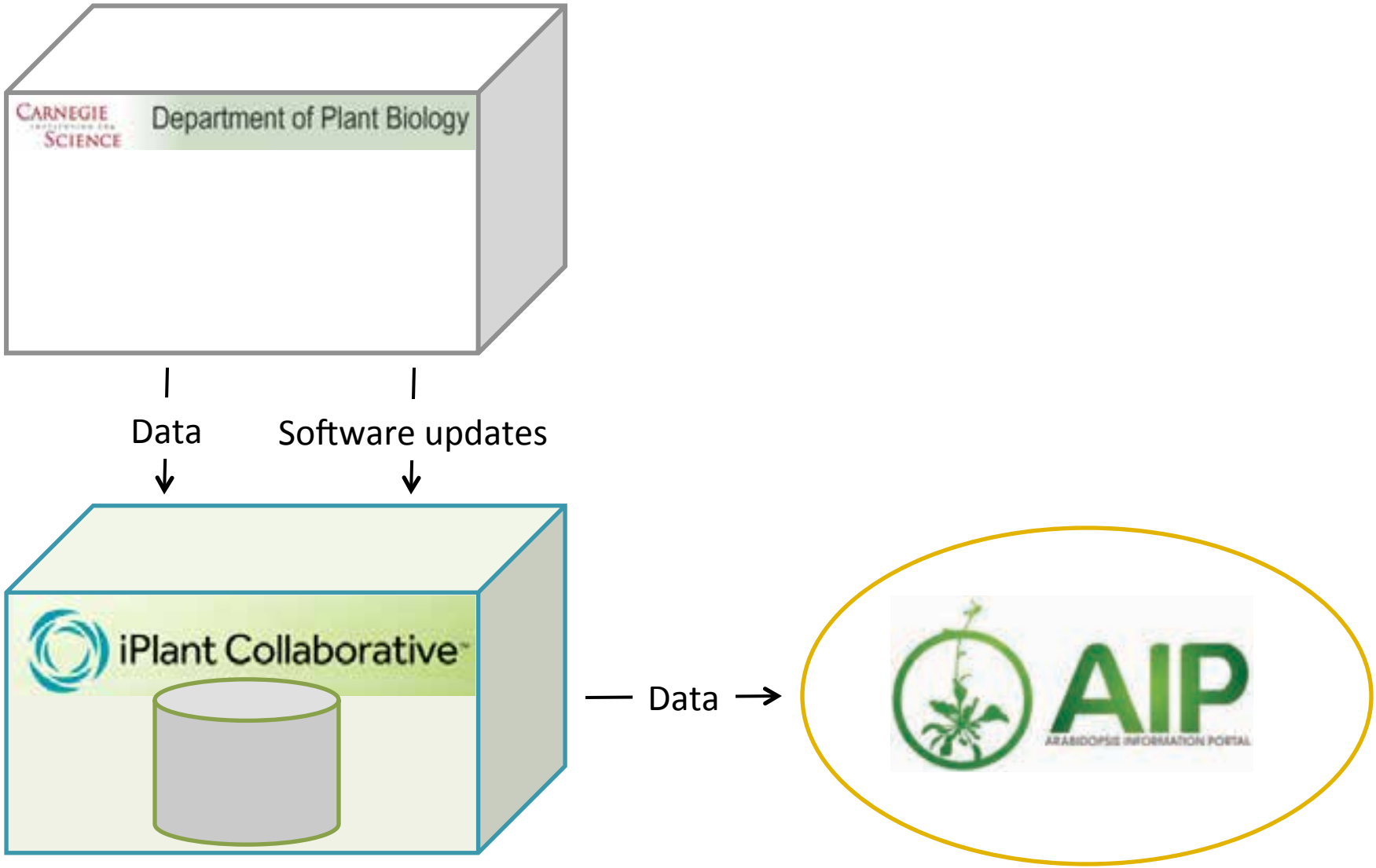
- Carnegie funding for TAIR ends in ~1 year (August 2013)
- AIP moving forward but not yet funded
- Need to ensure Arabidopsis data availability through transition period

How can we ensure data availability after August 2013?

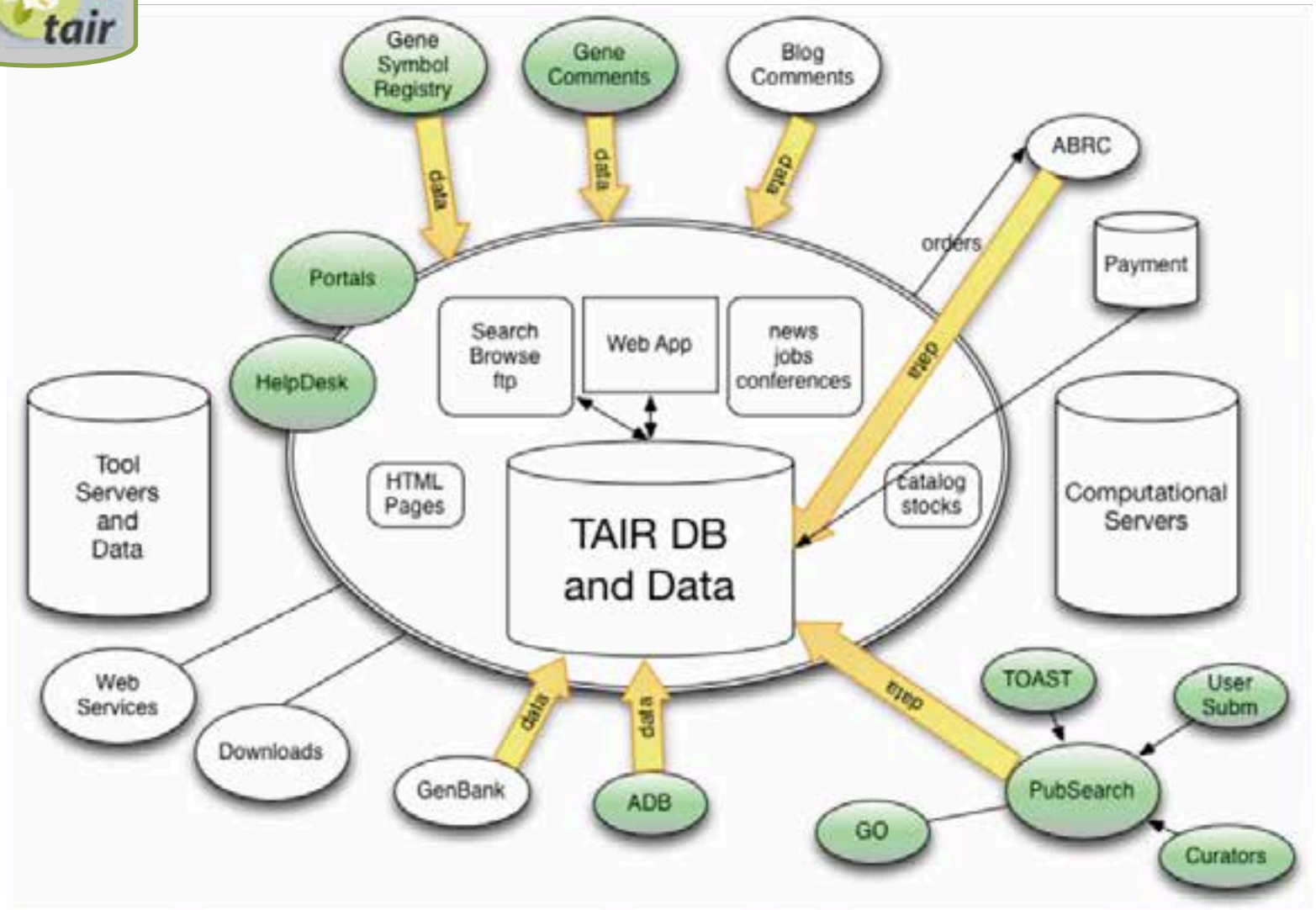


- Migrate TAIR software and data from Carnegie to iPlant
- iPlant will continue providing access to TAIR after end of Carnegie funding
  - For research community
  - For AIP
  - For modules

Transition Plan



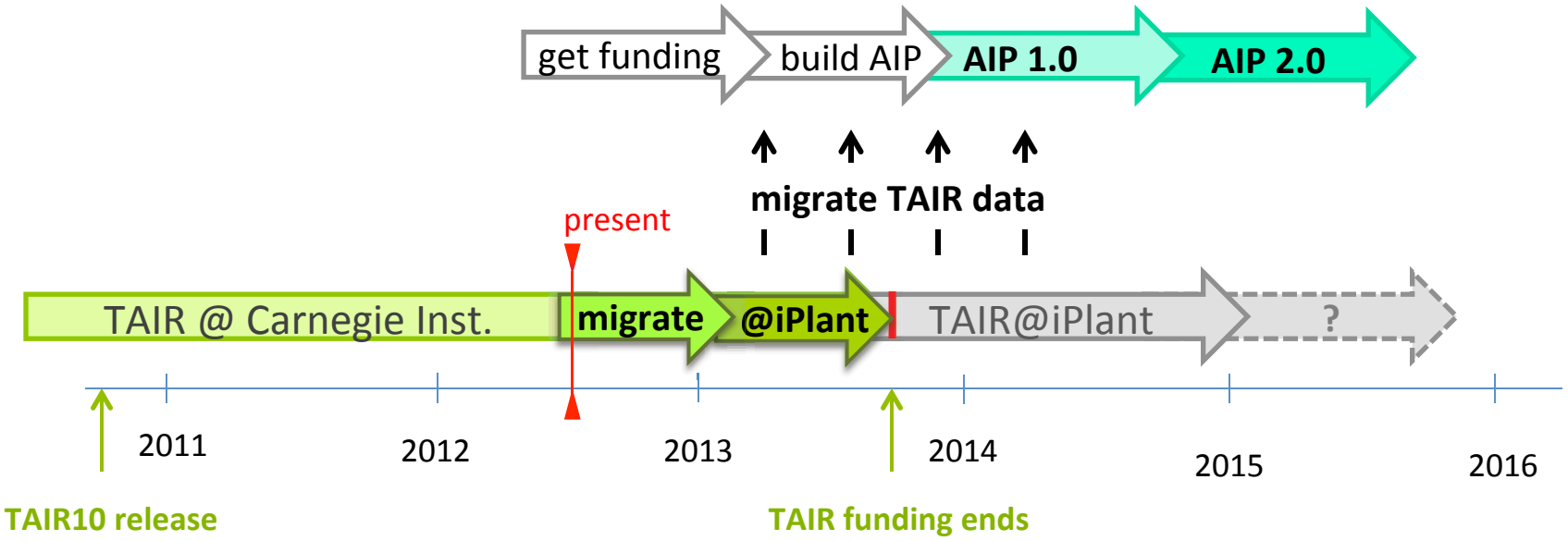
tair


Gene Symbol Registry
Gene Comments
Blog Comments
data
data
data
ABRC
orders
Payment
Portals
HelpDesk
Search Browse ftp
Web App
news jobs conferences
data
Tool Servers and Data
HTML Pages
TAIR DB and Data
Catalog stocks
Computational Servers
Web Services
Downloads
GenBank
ADB
data
data
data
TOAST
User Subm
PubSearch
GO
Curators

Proposed TAIR Servers and Systems at iPlant

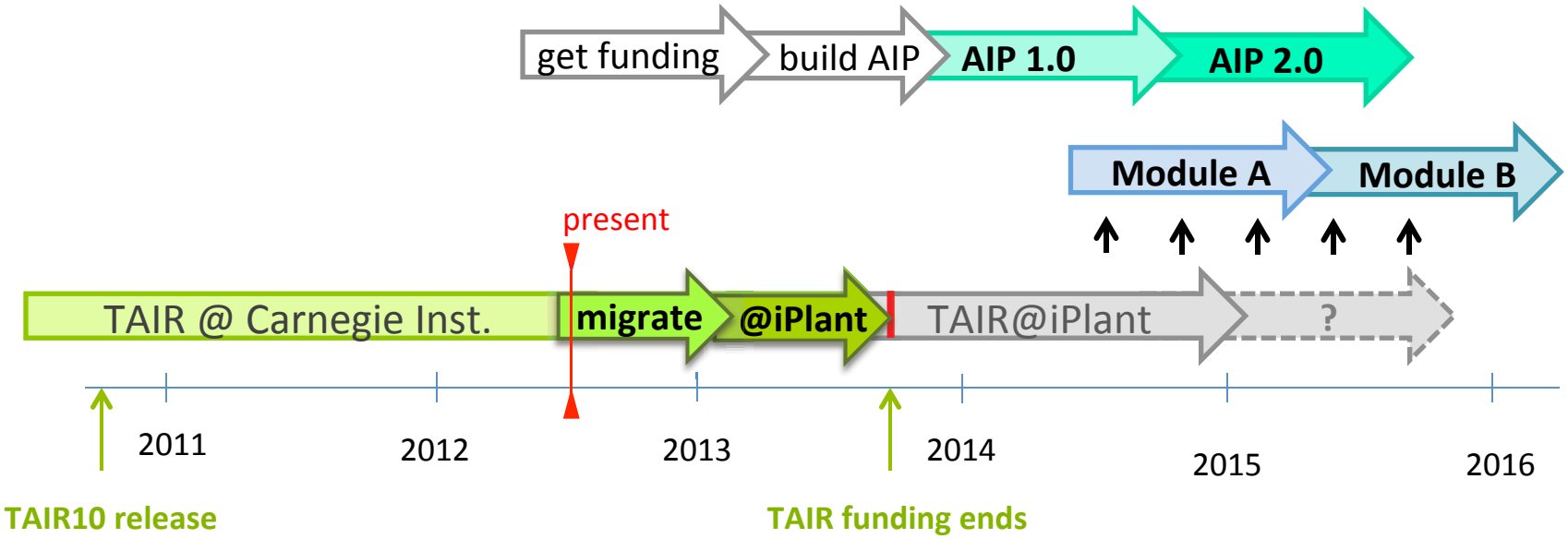
TAIR Server	Function
Production TAIR	TAIR web app (2 nodes)
Production payment	Payment web app
Production database	Oracle DB
Production data processing	Pipelines and cron jobs
Production SeqViewer	SeqViewer web app
Production GBrowse	GBrowse, MySQL DB
Production FTP	FTP and files
Production compute servers (5 servers)	Cgi-bin scripts (BLAST, Patmatch, FASTA)
Staging TAIR	TAIR web app (2 nodes)
Staging payment	Payment web app
Staging GBrowse	GBrowse, MySQL DB
Staging SeqViewer	SeqViewer web app
Staging compute server	Cgi-bin scripts
Staging data processing	Staging pipelines and cron jobs
Development TAIR (3-5 servers)	TAIR web app
Development database	Oracle DB
Production PubSearch	PubSearch web app, MySQL DB
Development PubSearch	PubSearch web app, MySQL DB
Subversion	Subversion and repository

How does this fit in with AIP and IAIC plans?



- Carnegie staff will work with AIP to transfer data

How does this fit in with AIP plans?



- Carnegie staff will work with AIP to transfer data
- Data can also be transferred to modules
- The TAIR database will be available until it's no longer needed