CGSpace Update, 2015–2016

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ILRI
INTERNATIONAL
LIVESTOCK RESEARCH
INSTITUTE

CGIAR

Outline

Milestones 2015–2016

Content

DSpace technical

Backend

Add-ons

Management

On the agenda

Content Development Milestones

Growth of the site
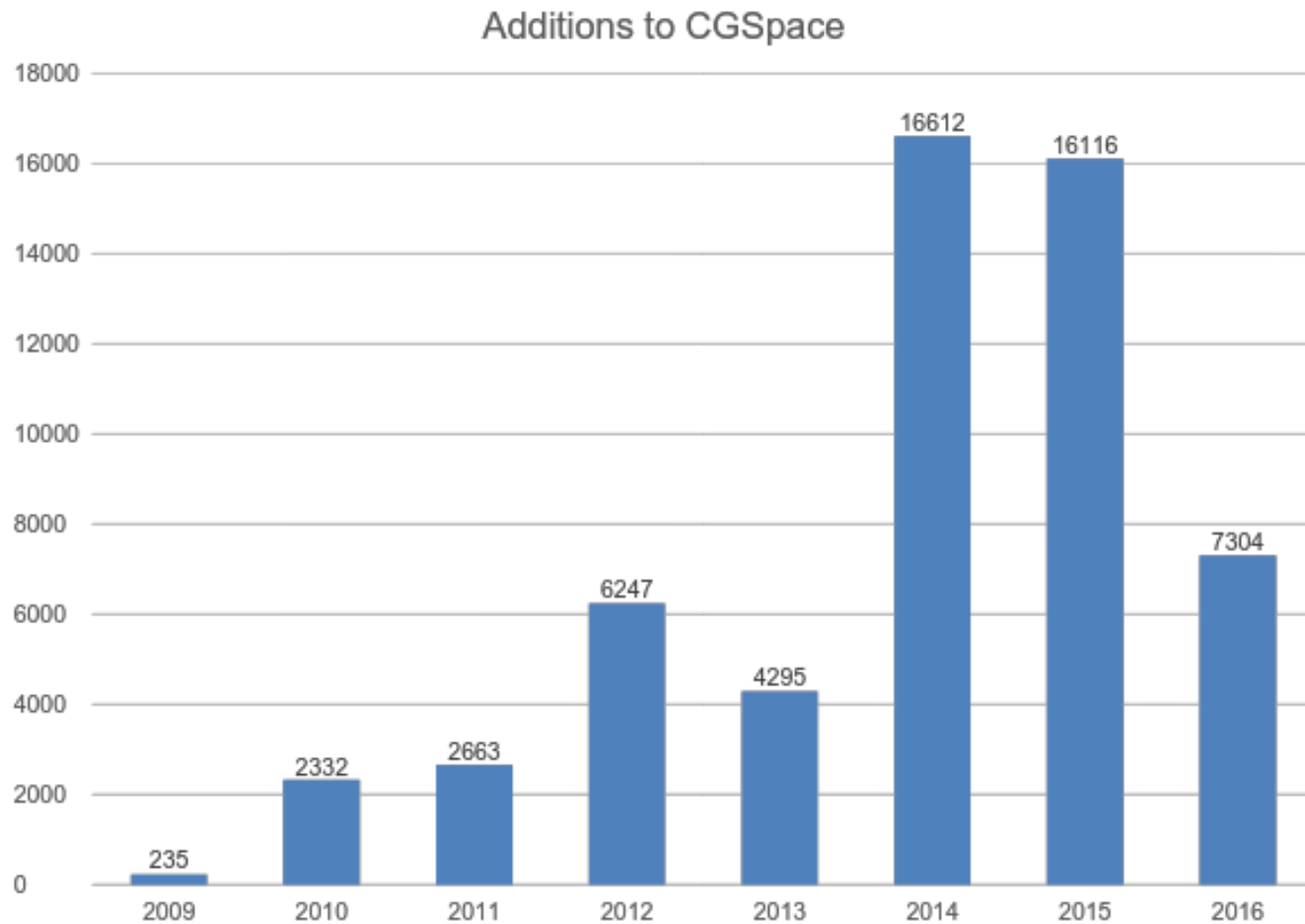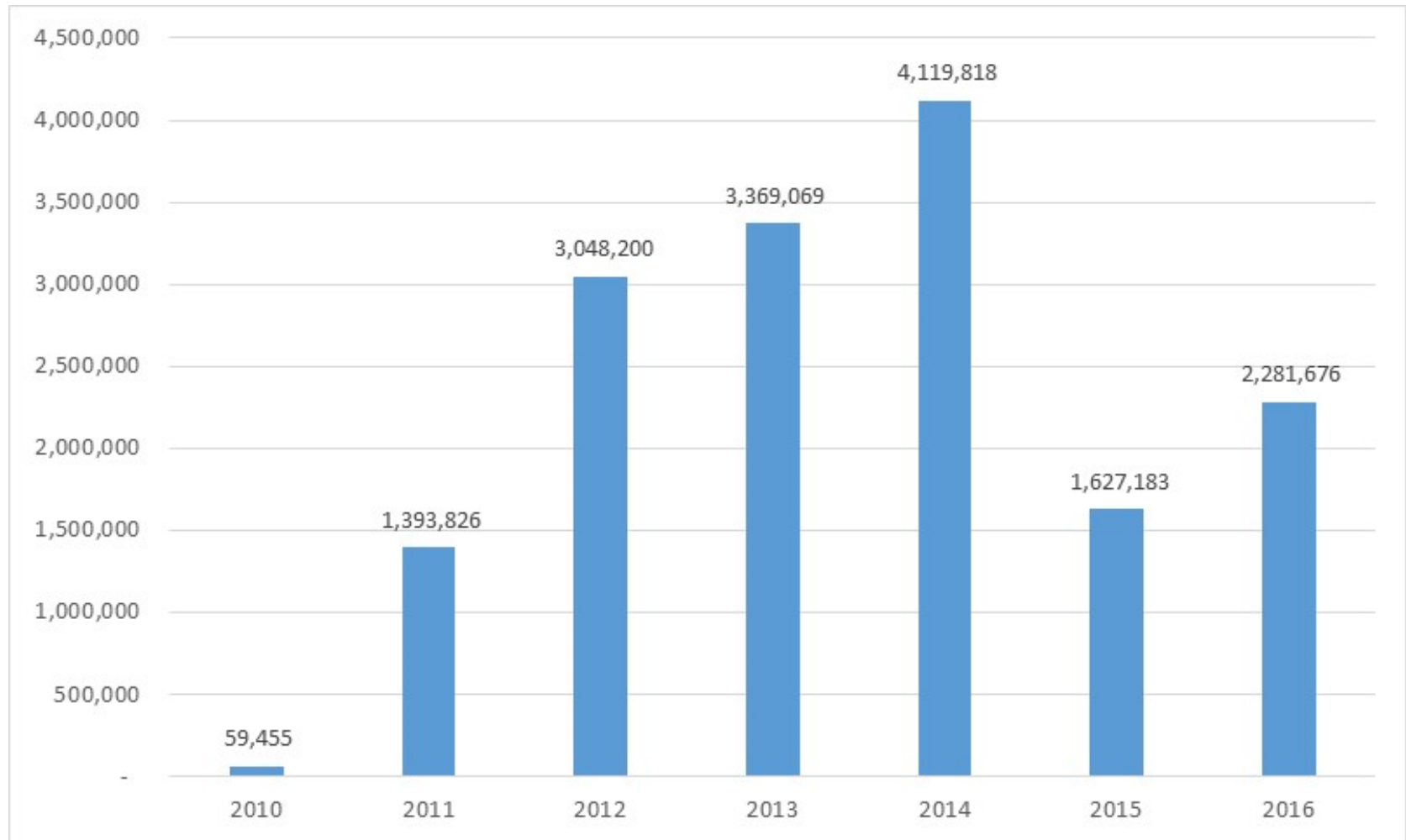
Migration projects

      CTA

    CIAT

      IITA

    ILRI

    CCAFS, IWMI, WLE, CIP, Bioversity, L&F

Growth of the Site (Items Added)

Additions to CGSpace

Item Views and Downloads (all CGSpace)

Main content providers

Africa RISING [626]

Bioversity International [1212]

Center for International Forestry Research (CIFOR) [3502]

CGIAR Challenge Program on Water and Food (CPWF) [2207]

CGIAR Gender and Agriculture Research Network [335]

CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS) [2913]

CGIAR Research Program on Livestock and Fish [957]

CGIAR Research Program on Water, Land and Ecosystems (WLE) [1321]

International Center for Tropical Agriculture (CIAT) [8842]

International Institute of Tropical Agriculture (IITA) [850]

International Livestock Research Institute (ILRI) [13931]

International Potato Center (CIP) [937]

International Water Management Institute (IWMI) [6102]

Technical Centre for Agricultural and Rural Cooperation (CTA) [13032]

More than 55,000 items, November 2016

DSpace Technical - 1

- Metadata cleanup and standardization to CGCore (30 fields added/deleted)
- Massive batch cleanups of author names, affiliations, countries, CRPs, languages, old links, etc
- Item displays (lots of small tweaks)
- Search logic (now defaults to "AND", much fewer results)
- About pages (general and developer info)
- Submit templates and especially taxonomy lookups for consistency
- ORCID and authors (still tricky, but learning about cleanup)

DSpace Technical - 2

- Version upgrades (DSpace 4→5)

- REST API (in use by handful of partners)

- Work on more efficient DSpace to Drupal module

- Work on visualization (nothing concrete)

- Metadata export to Ethiopia Agric portal (test)

- Metadata export to AGRIS (discussions ongoing)

- IFPRI inward metadata harvesting (being tested)

DSpace Backend

- Behind the scenes
- New server for CGSpace in December 2016 (more memory, disk space)
- Upgrades of "software stack" (better long-term viability, future proof)
- Public workflow on GitHub (if your center has technical people, they could be involved)
- http://github.com/ilri/DSpace

Add-ons

Altmetric

> Donuts on item displays

> User logins to dashboard

> Requires systematic handle / DOI citations

Atmire modules

Duplicate checking

Batch editing

Batch import tool (for admins)

Other stats

Altmetric Donut

Item Detail and Latest News Mentions

Latest Mentions of any CGSpace Outputs (Wikipedia, Twitter, etc)

High-Profile Attention Highlights

Duplicate Checker

Batch Editing Tool

Other Stats, e.g. Workflow Report
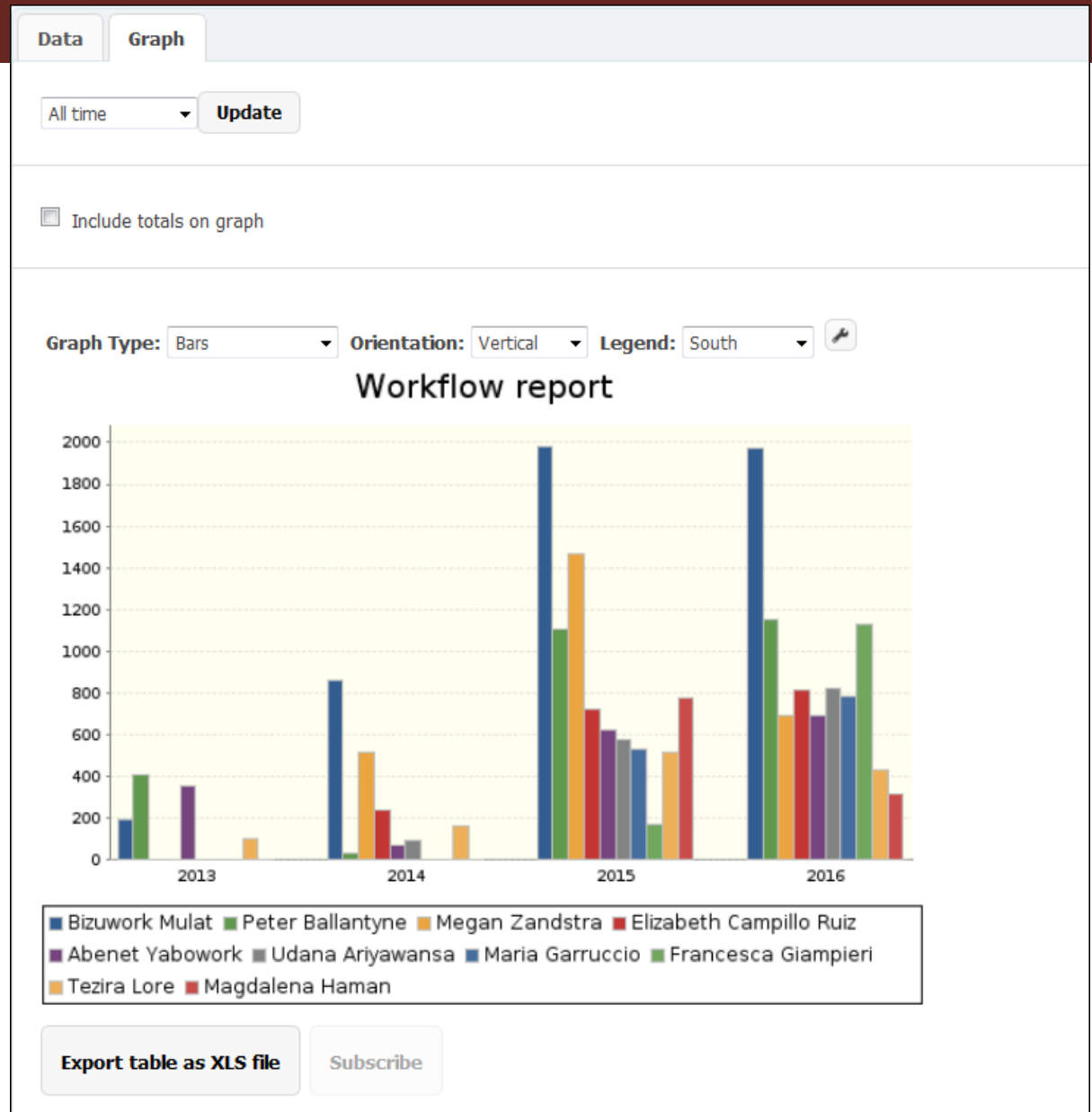
Management

- Active Yammer developers network with regular updates

- Abenet, Sisay core team, with additional inputs from Tsega (web team)

- Alan now consultant not staff

- Peter overall lead

- Plan to meet alongside CG OA COP meet-up

- Co-financing from partners

On the Agenda

- Upgrade to next DSpace (DSpace 6, mid 2017)

- Upgrade servers (December 2016)

- Metadata final checks for CGCore

- Add in the license field for items (Creative Commons, etc)

- Author consistency check and cleanup / ORCID issues

- REST API to Drupal for more systematic re-publishing

- Inward harvesting from other CGIAR

- Outward harvesting by AGRIS

- Visualization / navigation / user interface

- Consistent handle promotion (for Altmetric)

- Manual to editors

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ILRI thanks all donors and organizations who globally supported its work through their contributions to the **CGIAR system**

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Animal scientist, Nobel Prize Laureate for Physiology or Medicine–1996

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