

# Data management stocktaking – ILRI and Livestock CRP

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**ILRI**  
INTERNATIONAL  
LIVESTOCK RESEARCH  
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Livestock

# Key challenges in 2016 ILRI / Livestock Open-Data / FAIR data implementation

- Findable – Lack of resources to get data ready for open-access and made open-access
- Accessible - Lack of mechanisms and clearly defined roles and responsibilities to make data open; getting data processing tools usable by others (farm-to-web)
- Interoperable – Tools are there but making SQL databases open-access requires a lot of forward planning (by projects) and resources ('gold standard') but perhaps 'bronze standard' (Excel spreadsheet + meta-data) is appropriate for some...but not truly interoperable
- Re-usable – always questioned on how useful it is to make raw data available; ideally would re-package for different stakeholders

For all challenges some ideas for 'solutions', for discussion on Slide 3.

# Success Stories

- Staff leaving clearance to capture / ensure meta-data and backing-up of their research data – standardised across the institute
- Data (CGCore fully compliant) and new Tools portal ('almost' CGCore fully compliant) and controlled confidential access and changing open-status (currently setting up automation)
- Institute committee (Head of CKM – Chair) quarterly meeting covering standards and compliance for OA/OD and IP
- Ethics incorporation of consent and (confidential) data sharing into institute agreements, processes and Institute Research Ethics Committee (IREC)

# Cross-learning opportunities, areas for support (& plans for 2017)

- Create mechanisms and roles/responsibilities for ILRI and LIVESTOCK CRP to use the data portal and to make institute & CRP-level data as well as data and data products openly accessible (i.e. systematize; ILRI has it set up quite well for information products but not data). Need to be sustainable – ‘gold standard’ vs. ‘bronze standard’, prioritization.
- Improving data & tools portal – usability, meta-data standards, routine for uploading, mapping function, usage statistics)
- Developing GIS products portal – sustainability vs. centres who provide spatial data etc.
- DMP Taskforce – meant to be co-leading but not done anything 😞
- Support materials for implementation (RDM guidelines; publishing etc.) at various forms of development and current use, windows-based data processing tools – utilization of CG support pack, other centres / CRPs?

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