FEAST

Why, What, When, Where …. So What, What Next?

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FEAST e-Learning Materials Launch

Addis Ababa, 22 May 2015

ILRI
INTERNATIONAL LIVESTOCK RESEARCH INSTITUTE

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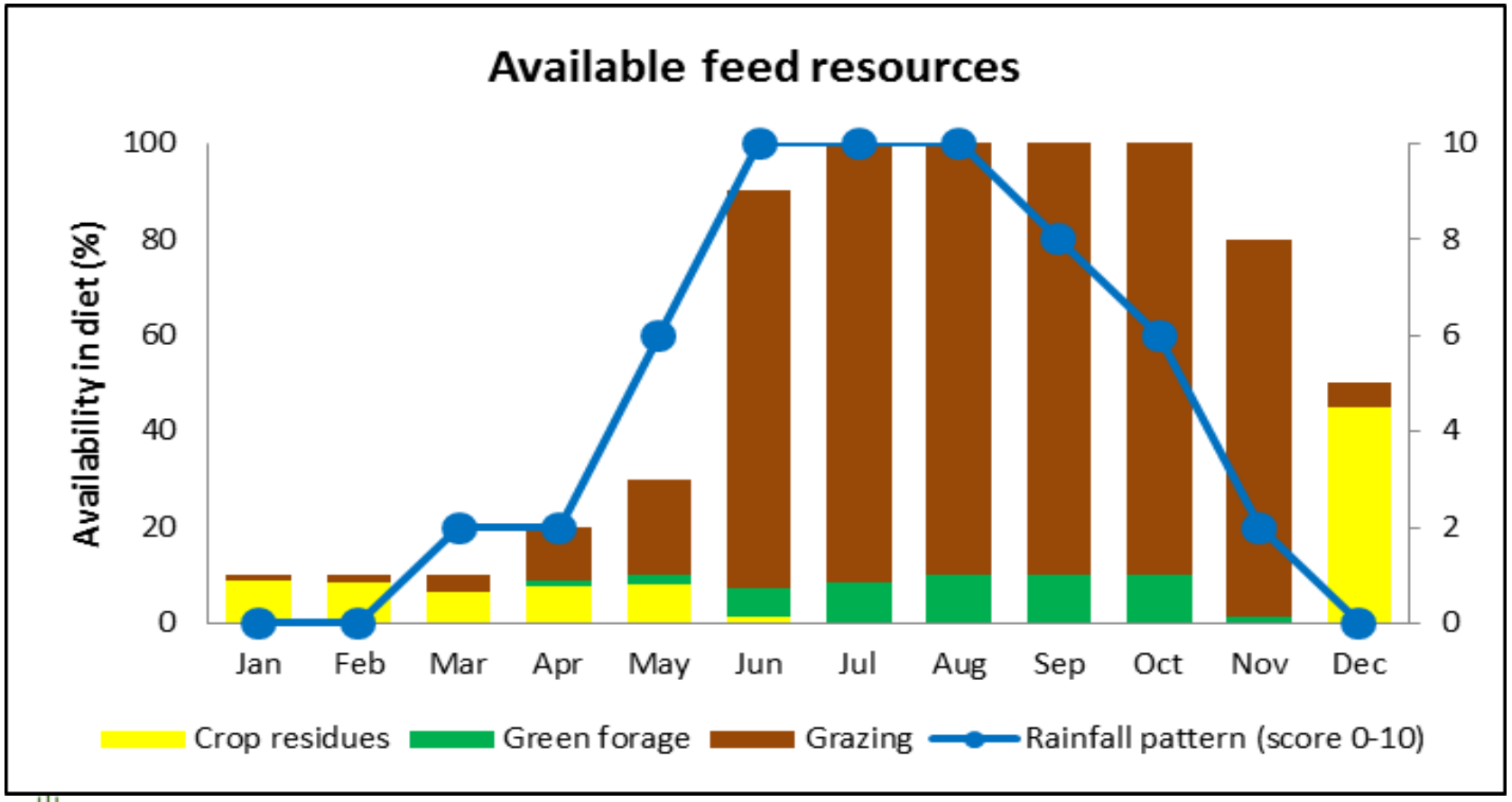
Why?

- Why is there a need for a better approach to livestock feed intervention?

Feed is a key issue in developing world livestock systems

Extreme seasonality of feed supply in Boneya District, Wollega, Ethiopia – from FEAST report



Felix Zingg, University of Bern, unpublished data 2011

Standard response is technology promotion

Urea treatment of straw – Uttarakhand, India

Often what is promoted does not work – why not?

- Researcher driven solutions are often:
  - Not suitable for local context
  - Not dealing with the key constraints
  - Do not sufficiently involve farmers and other local stakeholders in their selection and design
  - Do not take account of wider system constraints such as labour, markets etc.

Complete diet blocks lying unused - India

Forage chopper lying unused - India

What?

- What is needed to avoid futile feed development?
  - A systematic approach to assessing the feeding context
  - Looking wider than just feed
  - Involving farmers and local stakeholders in the process
  - Asking the right questions in a structured way

FEAST – Feed Assessment Tool

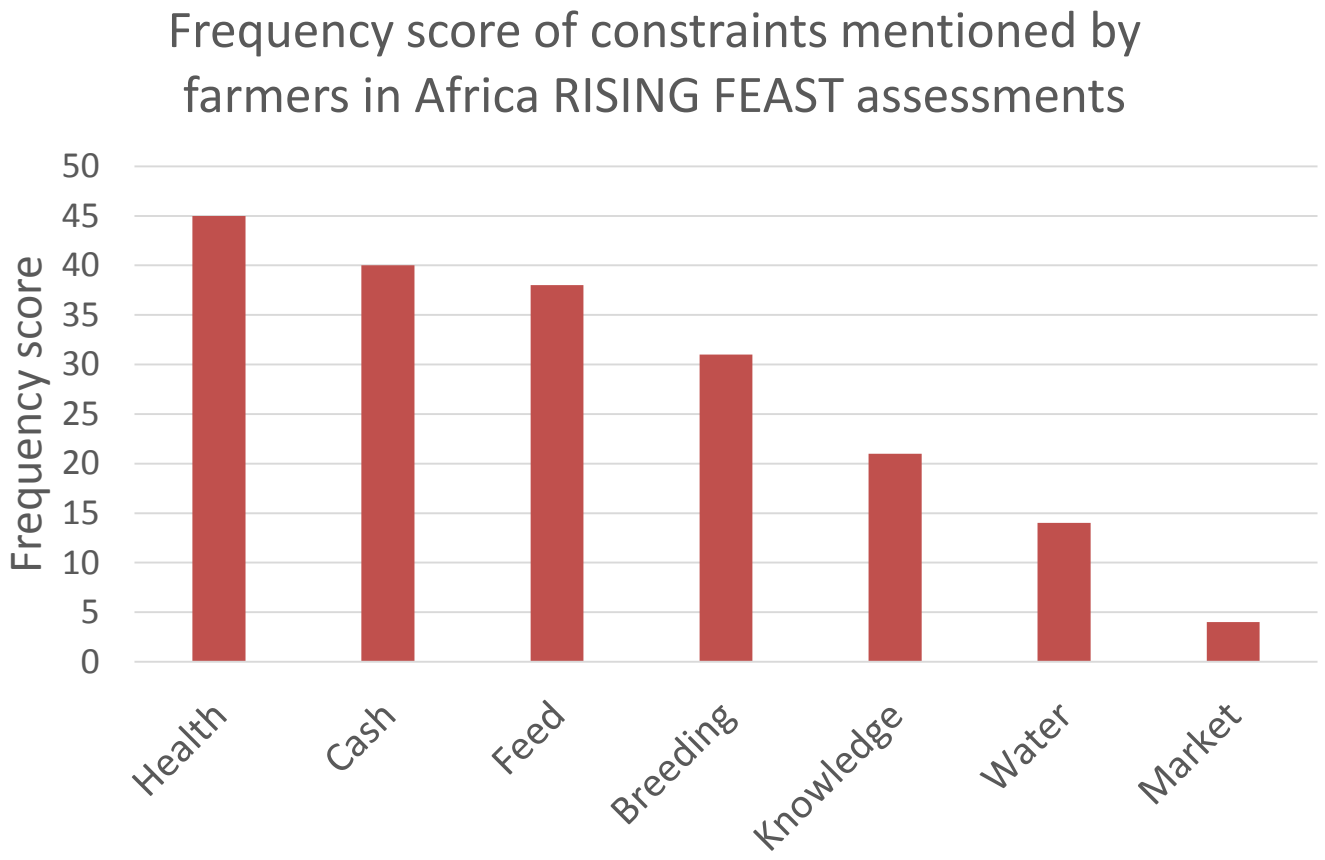
- FEAST
  - A systematic approach to understanding the overall feeding system and thinking with farmers and local stakeholders about possible interventions
    - Focus group discussion
    - Participatory solution identification
    - Household Questionnaire with a few households
    - Data entry and presentation system
    - FEAST report

- ACIAR ELF project: applying the FEAST Focus Group Discussion in Ethiopia. Key questions about farming system, livestock holdings, feed resources, labour issues…..

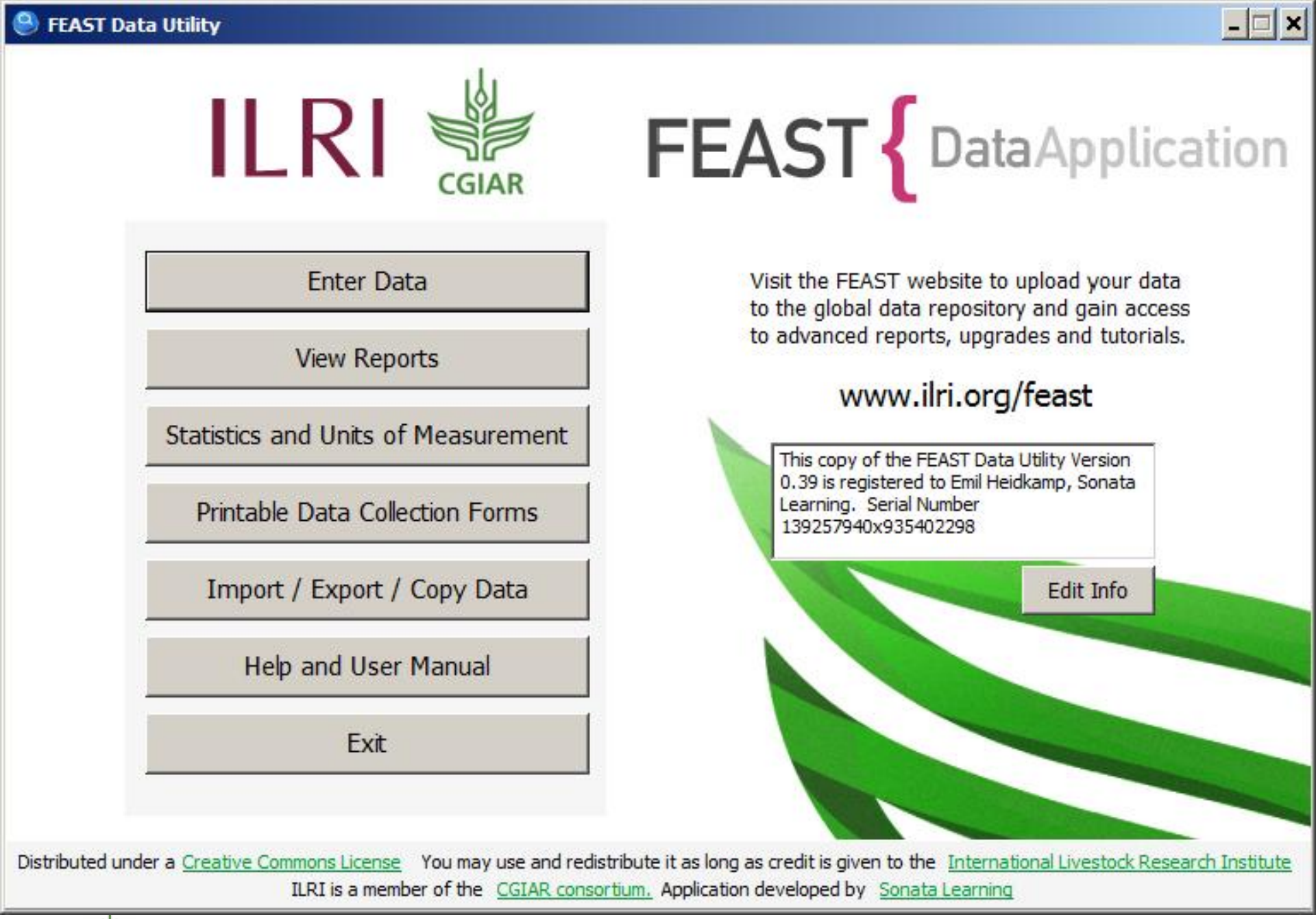
Farmers discussing constraints and solutions, Uttarakhand, India

Ato Liyusew of Holleta Research Centre, Ethiopia, interviews subsistence dairy farmer

Sorts of constraints identified



Sorts of solutions identified



Data entry and analysis application

RESEARCH PROGRAM ON Livestock and Fish

CGIAR

More meat, milk and fish by and for the

Using FEAST to characterize the farming and livestock production systems and the potential to enhance livestock productivity through improved feeding in in Golgolnaele, Atsbi-Wonberta District, Tigray, Ethiopia

T. Hagos[1], S. GebreYohans[2], K. GebreMeskel[2], W. GebreYohanse[2], T. Zegey[2], Assfaw[2] and J. Wamatu[3]

[1]Tigray Agricultural Research Institute (TARI)
[2]Mekelle Agricultural Research Center (MARC)
[3]International Center for Agricultural Research in the Dry Areas (ICA

February 2014

www.livestockfish.cgiar.org

ICARDA WorldFish ILRI

milk IT

Enhancing dairy-based livelihoods in India and Tanzania through feed innovation and value chain development approaches

Report of a livestock feed assessment in Mvomero District, Morogoro Region, the United Republic of Tanzania

By Fred Wassena (CIAT), Anthony Macho (TALIRI) and Abilas E. Kimambo (SUA)
In collaboration with Brigitte L. Maass (CIAT) and Ben Lukuyu (ILRI)

Nairobi, Kenya: International Center for Tropical Agriculture (CIAT)
May 2013

CIAT ILRI IFAD

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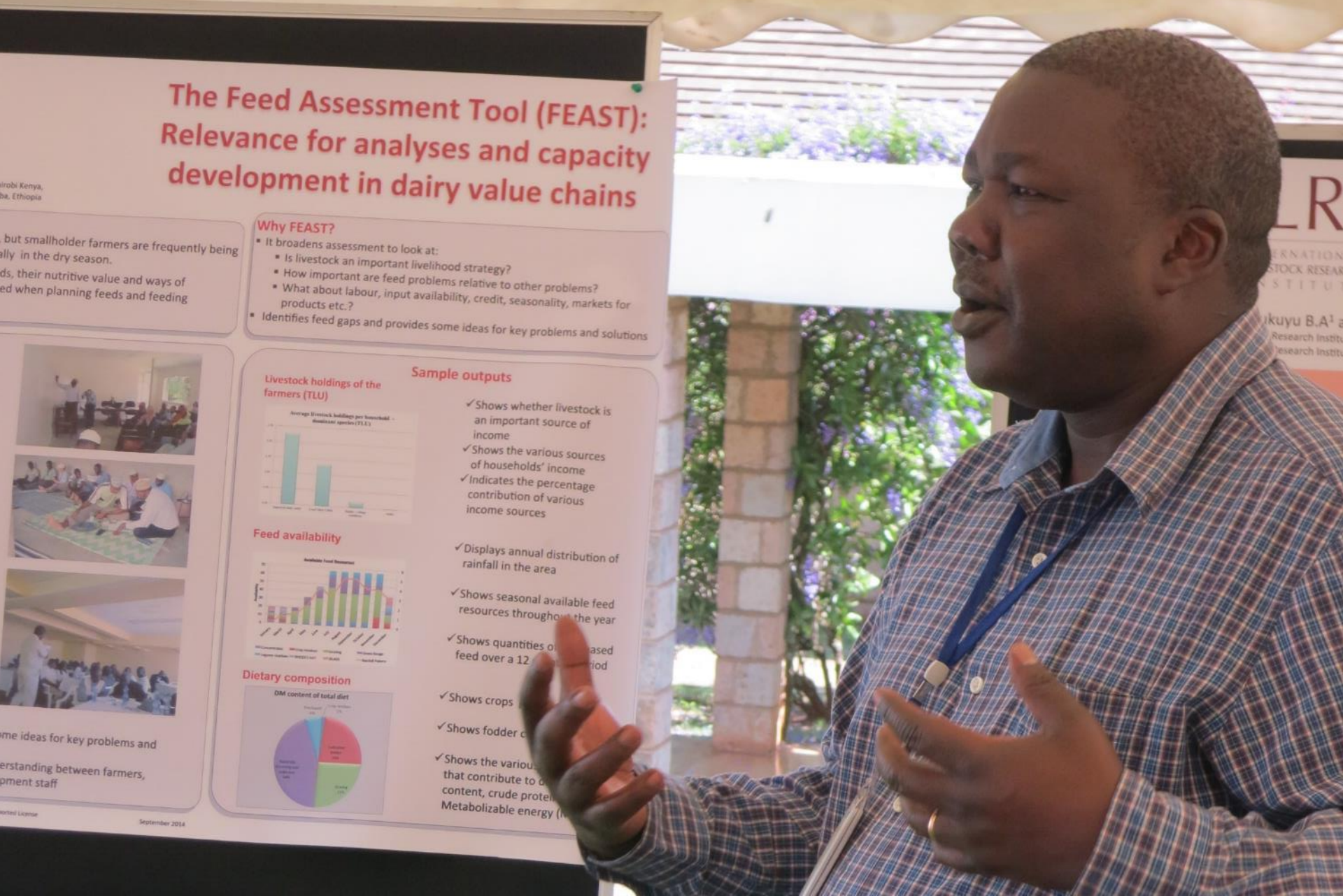
When?

- Evolution of FEAST

Originally developed at cross-country workshop of IFAD Fodder Adoption Project in Hyderabad in 2009

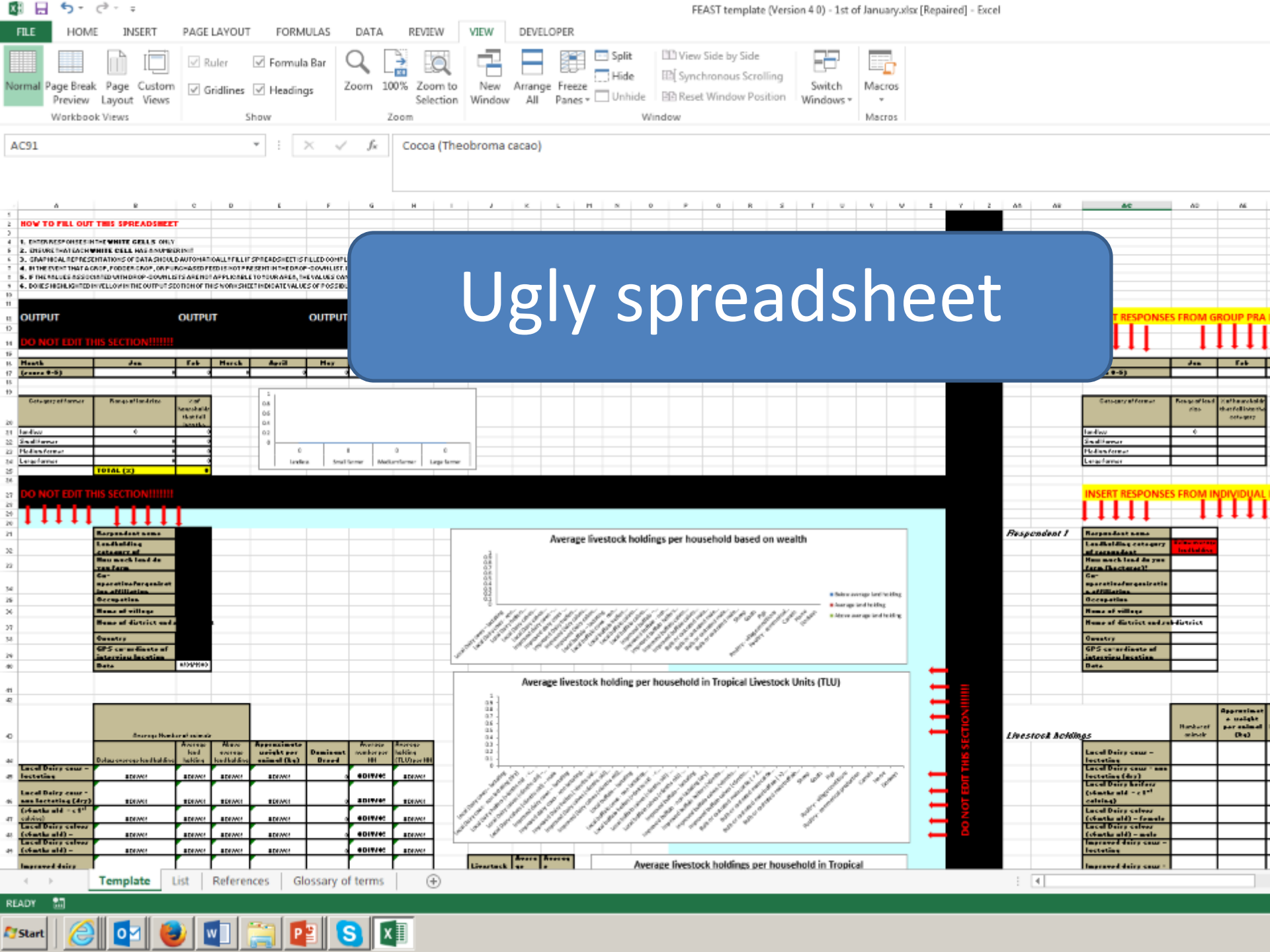
Luke York, Australian intern developed it further in 2010

Ben Lukuyu developed the training course for FEAST



Arindam Samaddar developed constraints/solutions methodology

Peter Ballantyne helped with
comms, marshalling, championing



Ugly spreadsheet

Feast v1.02.xlsm - Excel

FILE HOME INSERT PAGE LAYOUT FORMULAS DATA REVIEW VIEW DEVELOPER

Duncan, Alan (ILRI)

Paste Clipboard Calibri 11 Font Alignment Number Conditional Formatting Format as Table Cell Styles Styles Insert Delete Format Cells Sort & Filter Find & Select Editing

C3

Fancy spreadsheet

Respondent

Add/edit group information

Small
Medium
Big

New Respondent

Show all responent data

Lookup

Crops

Planted fodder

Purchased feeds

Reference

Other List

Units

Outputs

Group summary

Livestock holding of the farmers

Crops grown on farm

Fodder crop

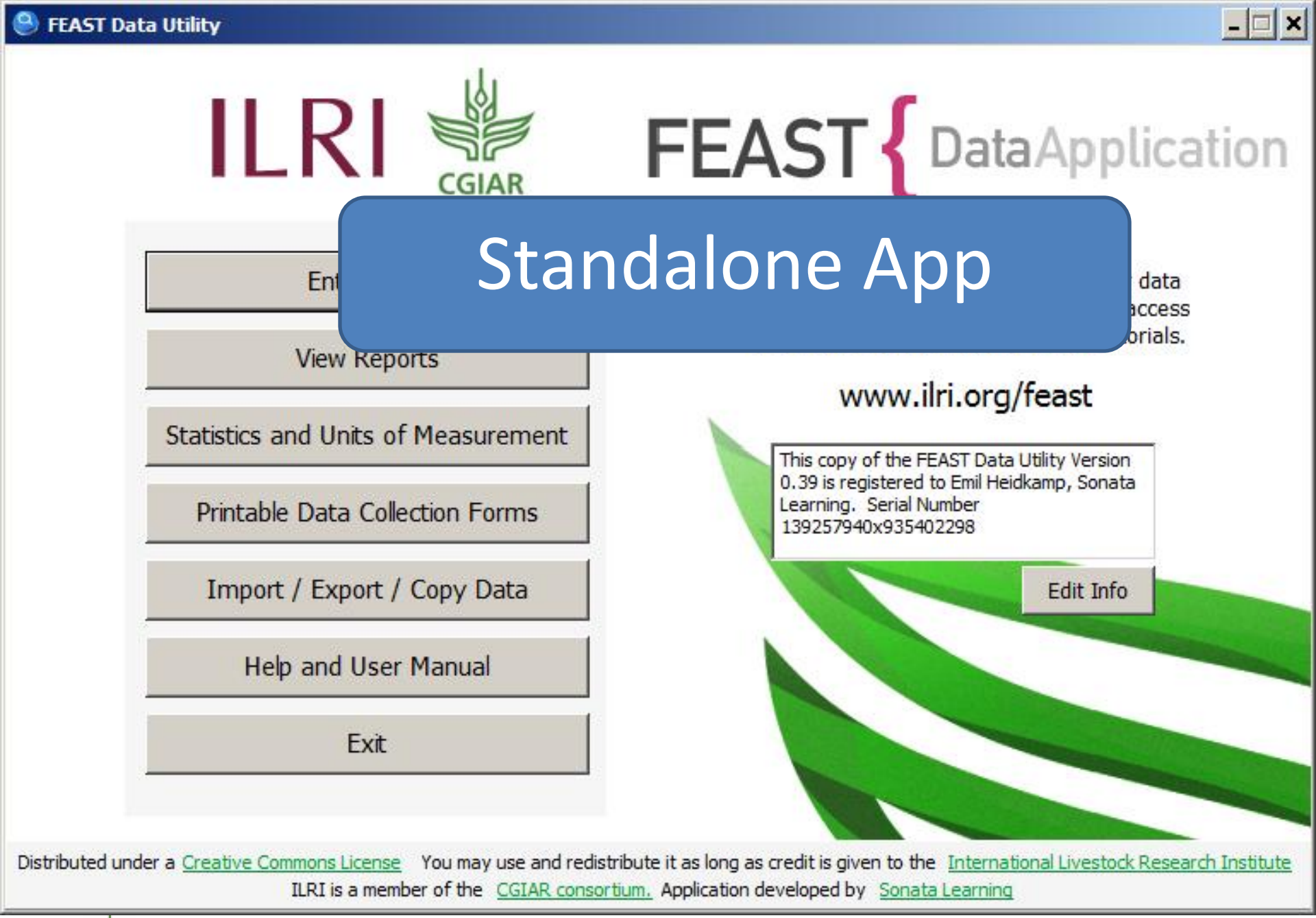
Purchased feed

Contribution

Dietary composition

Feed availability

Additional Output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This copy of the FEAST Data Utility Version 0.39 is registered to Emil Heidkamp, Sonata Learning. Serial Number 139257940x935402298
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Improved FGD guide and Questionnaire

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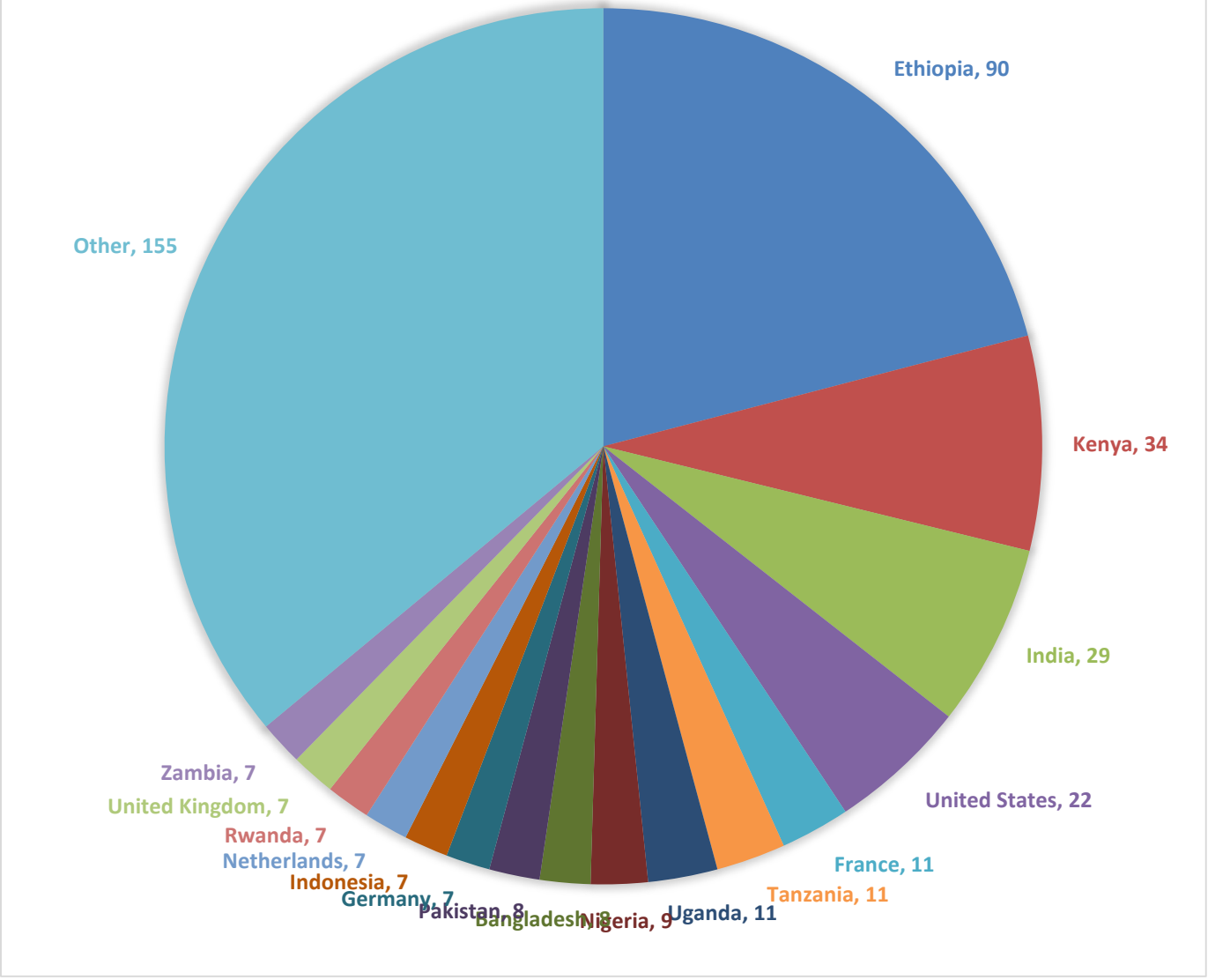
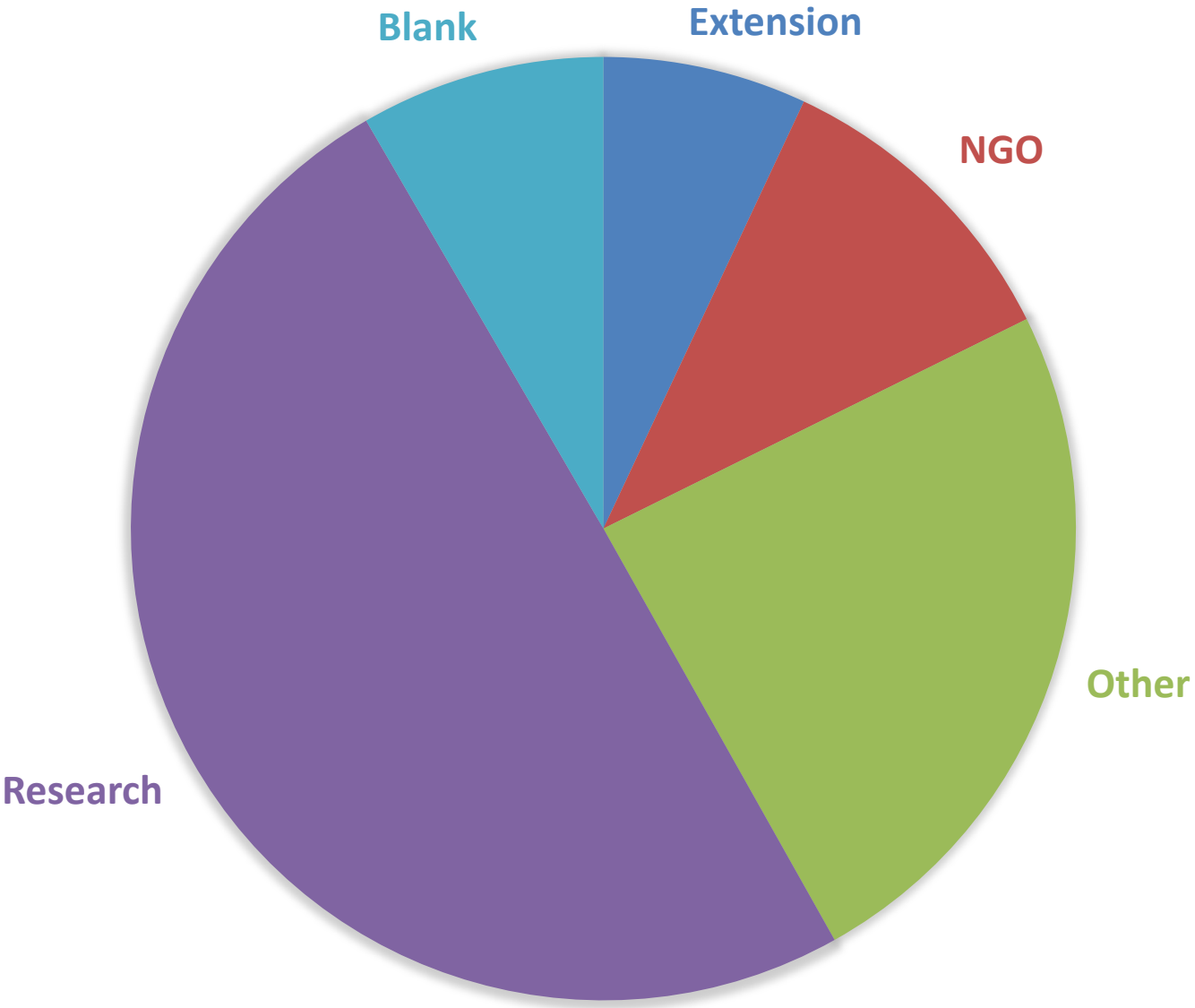
Where?

- Where it has been applied
- Where should it be applied?

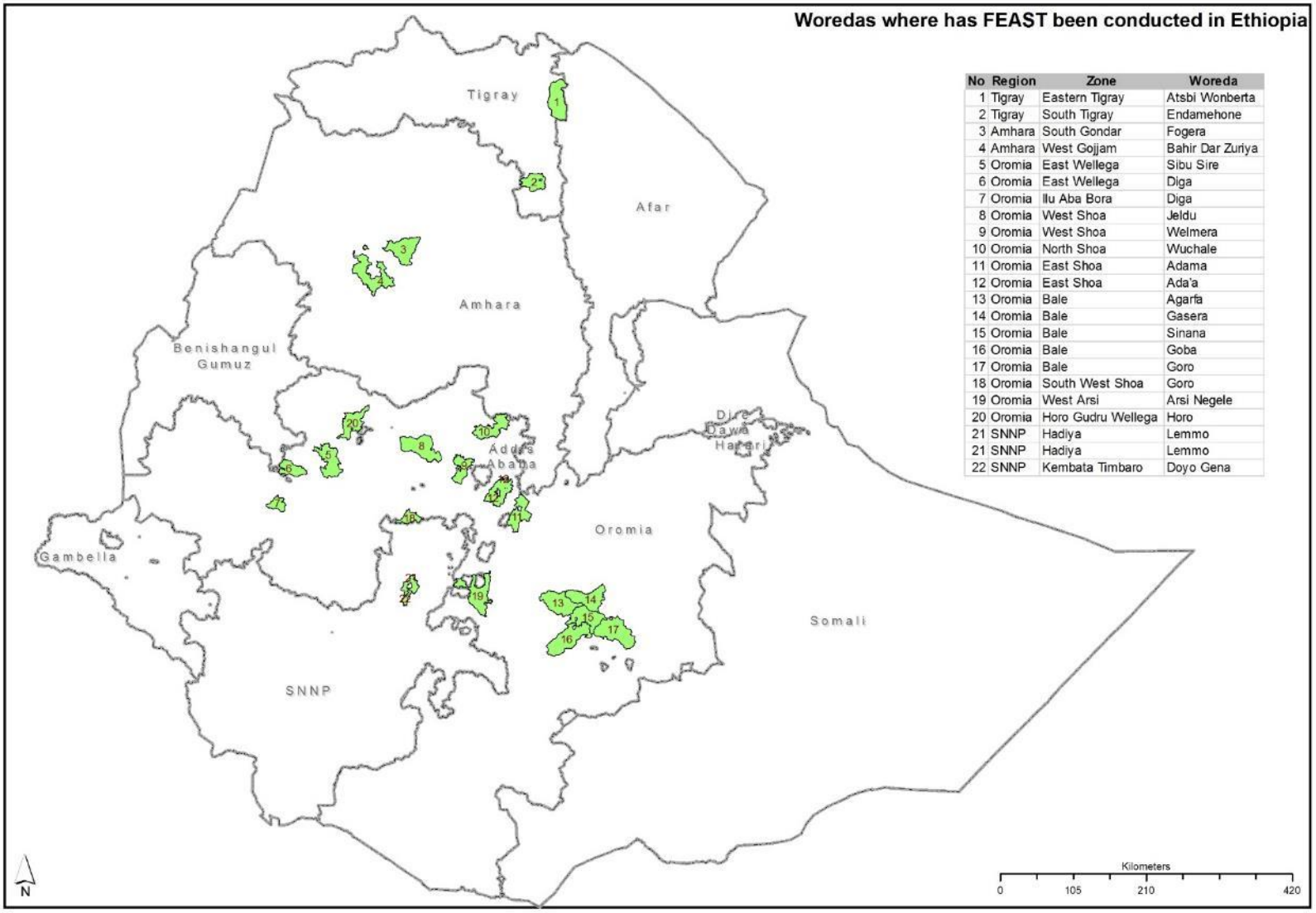
Download by country



Download organization type



Ethiopia



No	Region	Zone	Woreda
1	Tigray	Eastern Tigray	Atsbi Wonberta
2	Tigray	South Tigray	Endamehone
3	Amhara	South Gondar	Fogera
4	Amhara	West Gojjam	Bahir Dar Zuriya
5	Oromia	East Wellega	Sibu Sire
6	Oromia	East Wellega	Diga
7	Oromia	Ilu Aba Bora	Diga
8	Oromia	West Shoa	Jeldu
9	Oromia	West Shoa	Welmera
10	Oromia	North Shoa	Wuchale
11	Oromia	East Shoa	Adama
12	Oromia	East Shoa	Ada'a
13	Oromia	Bale	Agarfa
14	Oromia	Bale	Gasera
15	Oromia	Bale	Sinana
16	Oromia	Bale	Goba
17	Oromia	Bale	Goro
18	Oromia	South West Shoa	Goro
19	Oromia	West Arsi	Arsi Negele
20	Oromia	Horo Gudru Wellega	Horo
21	SNNP	Hadiya	Lemmo
21	SNNP	Hadiya	Lemmo
22	SNNP	Kembata Timbaro	Doyo Gena

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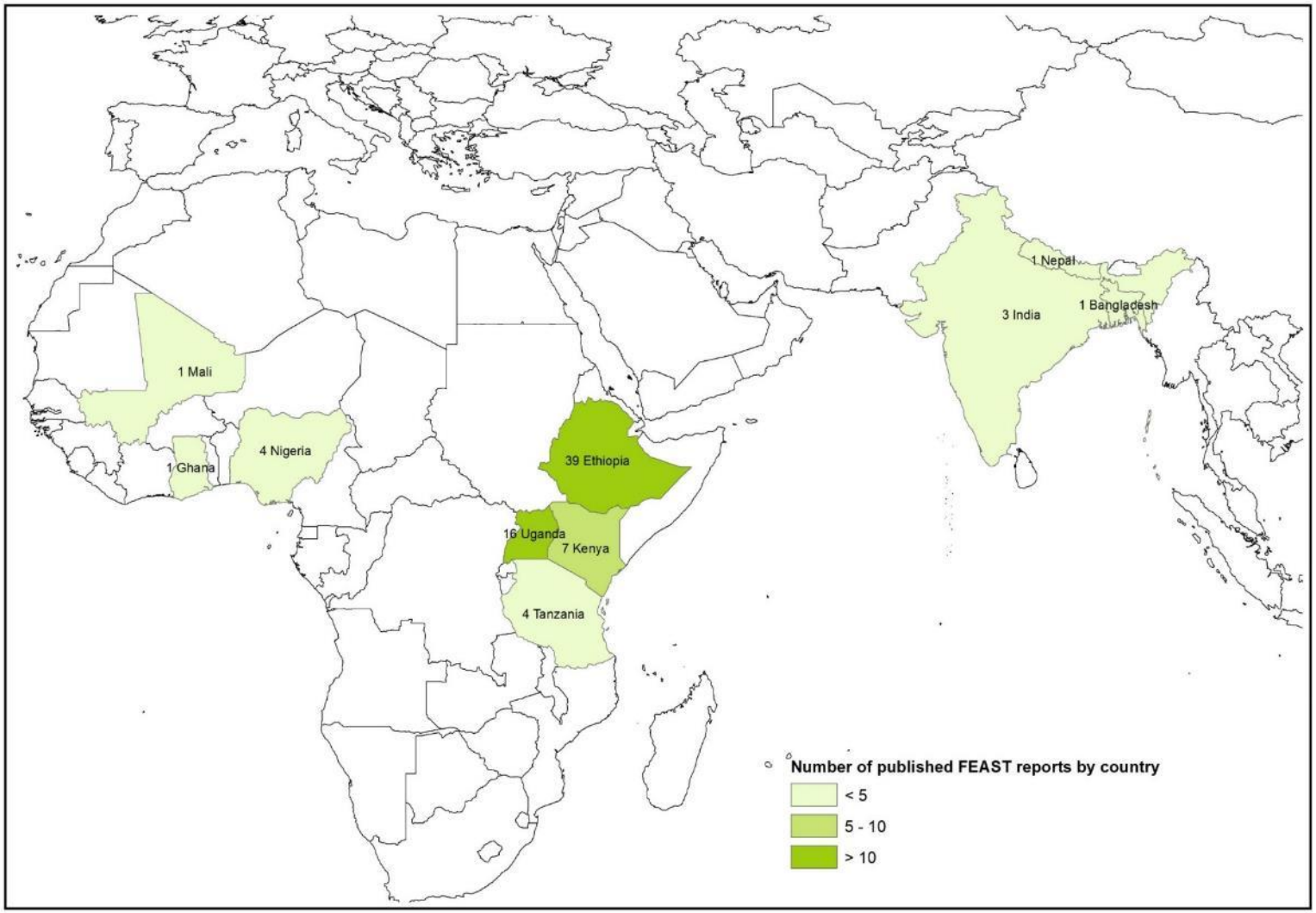
The world



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So What?

- How does FEAST help?
  - Gives ideas for feed interventions
    - Appropriate
    - Owned by farmers
    - Fit the context
  - Change knowledge, attitude, practice of those who use them
    - Broader thinking
    - Better understanding of farmer constraints

Where next?

- Couple FEAST with Techfit for prioritizing specific interventions
- Look for opportunities to use FEAST thinking for other problems
- Roll out e-learning materials
- Develop global database of FEAST data

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