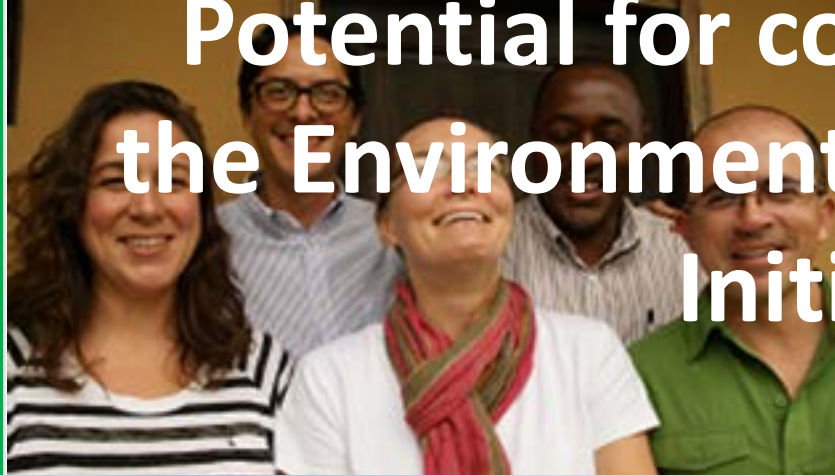
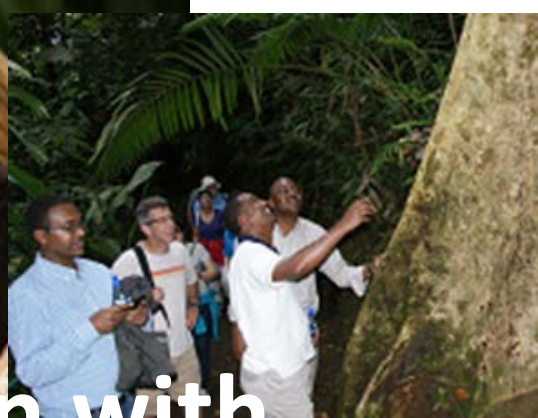


**Catch the opportunities:
The EfD network
EfD research collaboration
ECRC research collaboration
AAU PhD-collaboration**





Potential for collaboration with the Environment for Development Initiative

www.environmentfordevelopment.org



The Global network of EfD centers



www.environmentfordevelopment.org

Environment for Development centers

- [Ethiopia](#) – Ethiopian Dev't Research Institute
- [Kenya](#) – University of Nairobi/KIPPRA
- [Tanzania](#) – University of Dar es Salaam
- [South Africa](#) – University of Cape Town
- [China](#) - Peking University
- [Central America](#) – CATIE
- [Chile](#) – Universidad de Concepcion
- [Sweden](#) – University of Gothenburg
- [USA](#) – Resources for the Future

Planned expansion of EFD in next five years

- India – Indian Statistical Institute, New Delhi and national network
- Vietnam – Economics University, Ho Chi Minh City
- Colombia – Universidad de Los Andes and national network
- Two more centers in Africa (if you have ideas about where, tell Gunnar)

Three potential areas of collaboration

1. Research collaboration
2. Utilization of research infrastructure
3. Capacity building

Research infrastructure

- EfD has built the capacity to handle externally funded projects including handling of contracts, money, data collection, analysis, reporting and audit.
- We use this not only for Sida funds but also for projects funded by FORMAS, VR etc etc.
- Can be extended to others at the dept.
- EfD center coordinators are often in central position at their dept.
- Interested? Talk to Gunnar

Capacity building

- Sida support to PhD program in EE since 1992.
- Bilateral Sida collaborations in the past with Ethiopia, Tanzania and Rwanda.
- New modality at Sida with bilateral calls. We have bid for Ethiopia and we can collaborate on future bids with EFD centers as bridgeheads.
- Interest in other sources of funding for the PhD program at NEK?

EfD Research Process and Statistics 2015

Department of Economics
University of Gothenburg
February 2016

EfD Research Process

- Senior Research fellows develop proposals within EfD themes.
- Discuss with Research Fellows and Research Associates!
- Involve domestic stakeholders! (one-on-one; committee meetings; workshops, etc.)
- Senior Research Fellows submit proposals to the EfD Research Director who ensures peer-review through *Editorial Express*.
- Proposals are reviewed by EfD Reviewers (blind review)
- Research Committee evaluates proposals and considers referee reports

EfD Research Process Cont.

- Screened proposals presented at the EfD annual meeting.
- Commented on by a discussant (different from the original reviewers)
- PIs are required to address all comments by reviewers and the research committee, and prepare a response letter clearly showing how comments have been addressed

EfD Research Process Cont.

- The Research Committee re-evaluates proposals and allocates funding.
- Annual research agreements made with each center.
- Funds for the research are paid out twice a year in advance.
- Research deliverables are screened and cleared by the EfD Research Director and EfD DP editor who organize a review of the papers.

Key features of a successful proposal

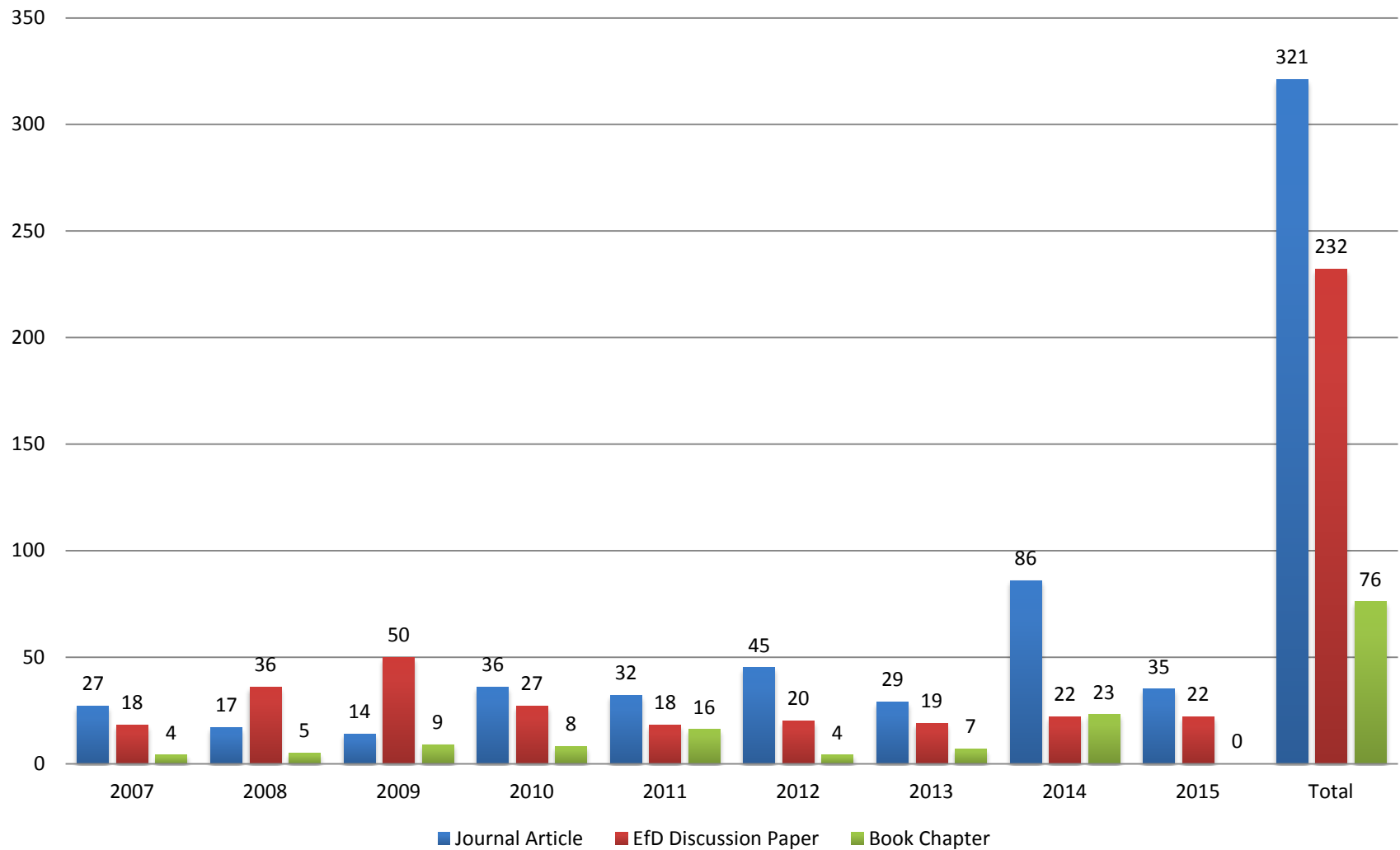
- **Academic novelty:** publication potential in international peer-reviewed publications
- **Policy Relevance:** (should be stakeholder demand driven)
- **Composition of Authors:** proposals signaling capacity building and collaboration between EfD center researchers, international research associates, and PhD students

Opportunities for DoE UGOT Faculty:

Research collaboration

- EfD has a research fund. Will increase from 3.5 MSEK in 2015 gradually to 9 MSEK in 2020
- Most projects include a research associate, often from NEK
- Can help fund data collection and travel for you and local salaries (but not salary in Gothenburg)
- Contact Gunnar/Yonas/Thomas/Fredrik or center directly

EfD Publications over time



Sample Journals

- **Central America:** Journal of Economic Behaviour and Organization, World Development, Economic Letters
- **China:** Journal of Environmental Economics and Management, Economic Letters, Environment and Development Economics
- **Ethiopia:** Journal of Development Economics, American Journal of Agricultural Economics, World Development, Resource and Energy Economics, Journal of African Economies
- **Kenya:** World Development, Food Policy, Land Use Policy

Sample Journals Cont.

- **South Africa:** European Economic Review, Marine Policy, World Development, Environment and Development Economics
- **Tanzania:** Environmental and Resource Economics, Ecological Economics, Land Use Policy, American Journal of Agricultural Economics

EfD Publications

- **EfD is a truly global and productive capacity building network!**



Environment and Climate Research Center (EfD- Ethiopia) at the Ethiopian Development Research Institute

- **Research**

- Undertake high-quality and policy-relevant research on climate change, environment, natural resources and sustainable development in the context of Ethiopia;
- Undertake real-time impact evaluation of the CRGE implementation.

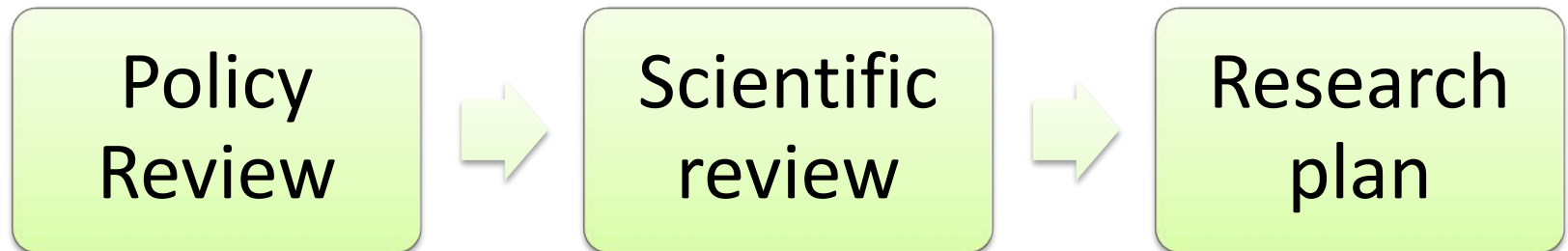
- **Policy support and interaction forum**

- Provide policy makers with evidence-based and timely policy advice and analysis on issues related to climate change and environment;
- Serve as a forum for the interaction of researchers, policy makers and other stakeholders.

Policy Research and IE Program:

- Sustainable **energy** transition;
- Sustainable **forest** management;
- Sustainable **agriculture**;
- Sustainable **water** management;
- Green **industrialization**;
- Sustainable **urbanization**

General approach:



Key dates

| | |
|-------------------|--|
| January 31, 2016 | Draft 5-year research plan is ready to be shared with key stakeholders |
| February 23, 2016 | Consultation workshop on the research plan |

Opportunities for DoE UGOT Faculty:

Research collaboration

- Collaboration with researchers at ECRC like the other EfD countries, but at a much larger scale!
- Interested? Get in touch with
 - Gunnar Köhlin: EfD Director
 - Haileselassie Medhin: ECRC Director
 - Yonas Alem EfD Research DirectorAnd draw on Peter Martinsson's experience!

Introducing the Department of Economics at AAU

Tadele Ferede (PhD)

Department of Economics

Addis Ababa University

February 8, 2016

Outline

1. Background
2. Structure of the Graduate Program
3. Staff profile
4. Links
5. Challenges

1. Background

- The Department of Economics (DoE) at AAU is one of the oldest departments in the country
- It has been running:
 - an undergraduate program since its establishment (1953)
 - a Masters program since 1978, and
 - a PhD program since 2010
- It is responsible for training the teaching staff of the Economics Departments of other universities in the country (at both masters and PhD levels)

2. Structure of the Graduate Program

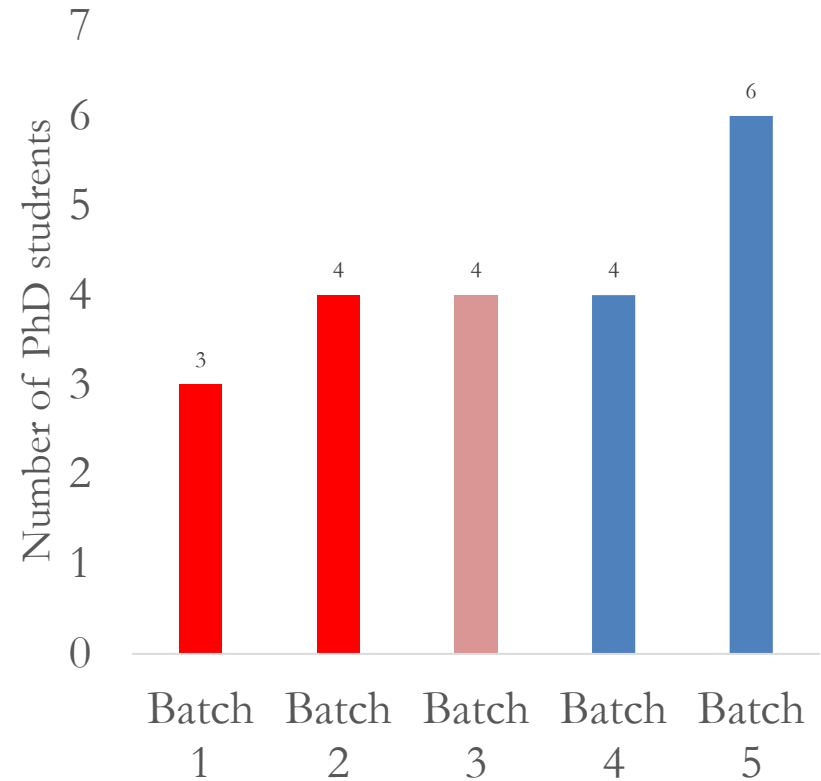
2.1 Masters program (MSc in Economics)

- The Masters program is a two-year program involving both course work and thesis.
- Course work in the first year and
- Thesis work in the second year (with two methodological courses)
- The department accepts between 20 and 30 students every year in this program
- The Department also runs a parallel MA program in *Applied Economic Modeling and Forecasting*
 - A tailored program designed for the Ministry of Finance and Economic Cooperation and other key macroeconomic institutions
- **Admission (both programs):** Based on entrance exam

2.2 PhD Program

- **Requirements:** Masters degree in Economics to join the PhD program and entrance exam
- **Intake capacity:** on average four students every other year
- **Program duration:** The PhD degree in Economics is a 4-year program of studies.
 - The maximum number of years a student will stay as a

Figure 1: Number of PhD students



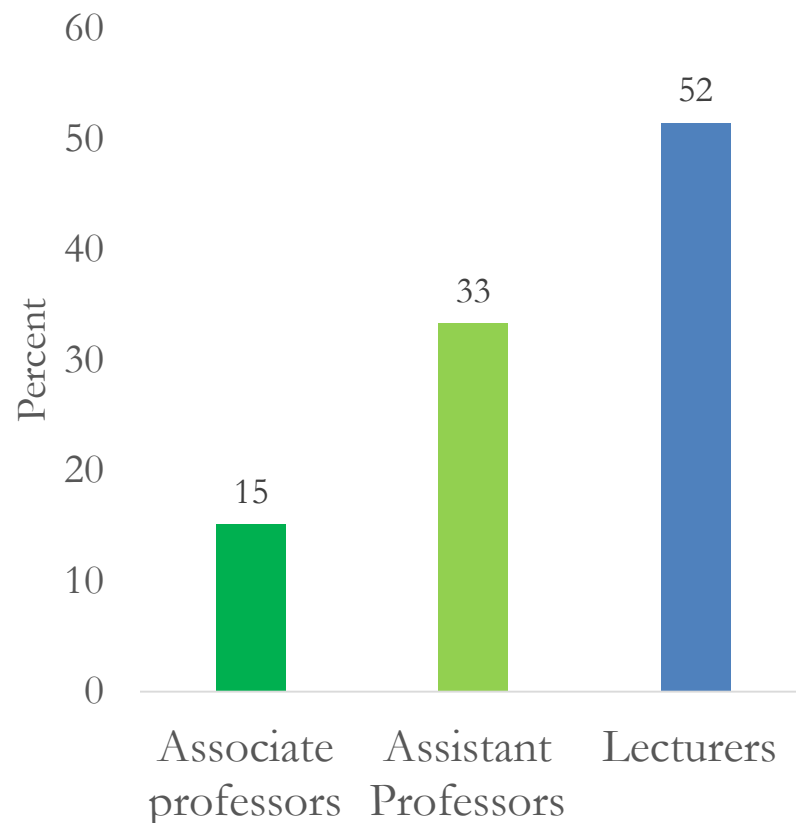
- The Ph.D. Program in economics involves both course work and PhD thesis
- **Course work** (first two years):
 - The Program consists of core courses in the first year and
 - Seminar courses in the second year
- Course work is being offered by AAU and Jonkoping International Business School (JIBS)
- **PhD thesis** (third and fourth years):
- Requirements:
 - Successfully passed the course work-eligible for pursuing PhD thesis research
 - At the beginning of the third year, they are required to defend their PhD thesis proposal
- **PhD thesis supervision:** Main supervisor (JIBS) and local supervisor

3. Staff profile

Academic staff

- The Department has 33 academic staff
 - Lecturers (7 are PhD students)
 - Assistant Professors
 - Associate Professors
- In terms of specialization
 - Development Economics
 - Environmental Economics
 - Econometrics
 - Agricultural Economics
 - International Economics

Figure 2: Academic staff



4. Links

4.1 Within Ethiopia

- Ethiopian Development Research Institute
- Environment and Climate Research Center (ECRC)
- Ethiopian Economics Association
- Ethiopian Strategy Support Program/International Food Policy Research Institute
- International Livestock Research Institute
- Other government institutions (e.g. MoFEC, NPC, etc.)

4.2 External links

- Africa Economic Research Consortium (AERC)
- Jonkoping International Business School University of Bern, University of Geneva, World Trade Institute through r4d project
- Carleton University, Canada

5.Challenges

Challenges (PhD program)

- Limited capacity to run the PhD program
 - Lack of expertise in some courses,
 - Inadequate infrastructure (e.g. e-learning facilities, documents, etc.)
 - EfD has supported the DoE through the Environmental Economics Policy Forum for Ethiopia
 - Inadequate research fund for PhD students,
 - Limited publication experience (in international journals), etc.
- In conclusion, given the experience and capacity of the University of Gothenburg (UGOT), the envisaged partnership will address the strategic needs of DoE.
- In particular, the partnership will help achieve the strategic vision of the DoE to be become the leading institution in graduate training and research in the country and in Africa.

Thank you!

Pilot Project Archive—Library—SND 2016

Transfer of expertise during the pilot

The benefits of data management and making data accessible

Pilot Project Archive–Library–SND 2016

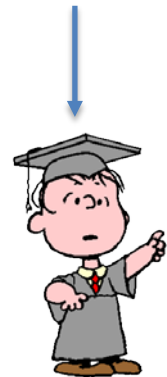
- Aims
 - Identify an effective model in preparation for the 2017-application to the Research Council (*Vetenskapsrådet*) based on researchers needs
 - Provide universities with the basis for a combination of a Research Support Unit (*Forskningsstödsenhet FSE*) (library, archives, IT etc.), resource allocation and authority/govt. department dialogue (*myndighetsdialog*)
- Pilot with research groups at 4-6 interested universities
- Mixture of higher educational institutions of different sizes, a variety of academic disciplines, new initiatives or support to strengthen existing initiatives. Researchers central to the process.



After the pilot

1. FSE trains and issues "driving licenses" for data curation and data management plans

3. FSE reviews metadata, allocates DOI and creates dataset for next stage



2. The researcher curates the data in Nesstar (x-account)



Support from
FSE



4. User-friendly data at SNIC/SUNET - SND processes orders and dissemination (SIMS)

4. Persistent format in the archive

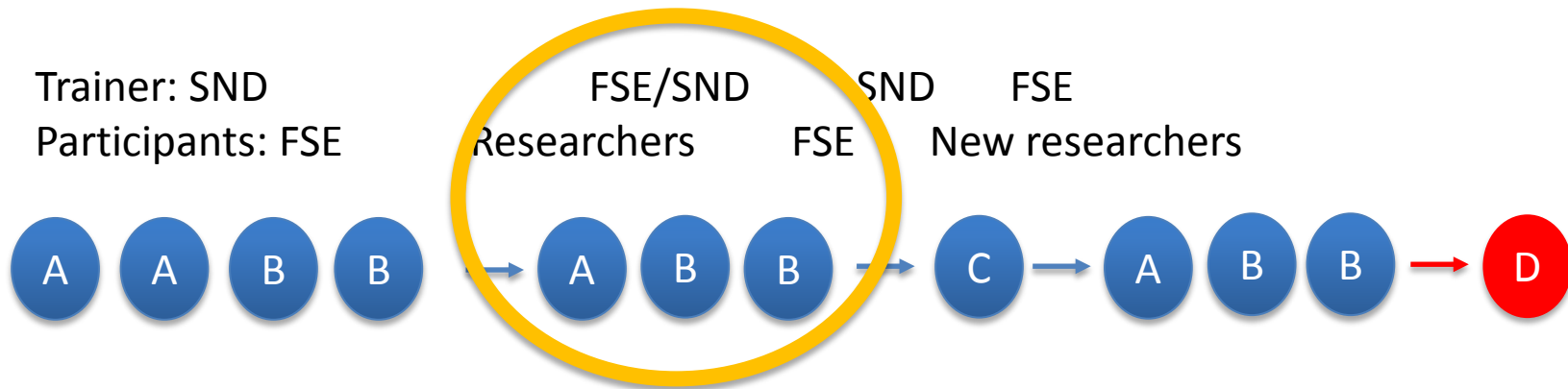
FSE = Local Research Support Unit (*Lokal forskningsstödsenhet*)

Pilot Projekt Archive–Library–SND 2016

Transfer of expertise during the pilot

The benefits of data management and making data accessible

Transfer of expertise during the pilot



A Intro, data management plan, security, archiving

B Hands-on curation with homework

C Follow-up, further training

D Continued work, evaluation, expansion

Further study of data management plans at a later stage

Training for researchers - Contents

- Data management plan
- Data curation and documentation
- When are data "ready" for archiving and dissemination?

Pilot Project Archive–Library–SND 2016

Transfer of expertise during the pilot

The benefits of data management and making data accessible

The benefits of data management

Easier to access...

- the data you need
- when you need them
- in an appropriate format
- without unintended changes.

Simpler to...

- organise data
- store data and make security backups
- share data with colleagues
- preserve data for the future.



REWARD £1,000
cash

My laptop and external hard drive
were removed from my office [redacted]
[redacted], on August 29.

If you have found the external
hard drive, PLEASE CALL ME
([redacted])
[redacted]

The drive contains many years of my
teaching and research files, so I need
it desperately.

(This researcher from the London School of Economics is not the only one... but is it a club worth joining, if it can be avoided?)

The benefits of data management

- Enables earlier projects to be revisited. It should still be possible several years later to describe how data was collected and managed.

You have completed a research project and published the results in a number of articles. Colleagues start citing your work. Three years later someone accuses you of falsifying your work.

- Would you be able to prove you carried out the work as you described in the article?
- What would you need to prove you hadn't falsified the data?
- What should you have done throughout your research study to be able to prove you did the work as described?

Example from MANTRA, Research Data Management Training, University of Edinburgh



Requirements related to data management plans and access (Open Access) to research data

- **Research funding body requirements** both in Sweden and internationally, e.g.
 - Research Council (2012, Data Management and Publication Plan)
 - Horizon 2020 (Open Data pilot – data management plan)
- **Journals' conditions** relating to accessibility of data (e.g. PLOS–journals)
- **National Open Access Guidelines** for research data [expected 2017]

Bottom line:

- I need volunteers for the pilot
- Three half days of training and data curation after Easter (April – May)
- Work with e-librarians from the economics library
- Great learning experience, more citations and prepared for future requirements.

