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Mapping Exercise on Statistics on Cooperatives

- FIRST PHASE -



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1. INTRODUCTION: CONTEXT

- The Resolution concerning further work on statistics of cooperatives was adopted by the ICLS (2013), recommends the ILO to “*carry out further developmental work on the measurement of cooperatives*”.
- In order to follow upon this recommendation, the ILO STAT Department and COOP Unit set up a **joint initiative** which aims at advancing the implementation of the ICLS Resolution.
- As a starting point for this initiative, a **global mapping** effort was launched in June 2015 to develop an “**inventory**” of existing data on cooperatives gathered by national statistics offices and other providers.



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2. OBJECTIVES

■ General

- To collect and process information on the availability of, and access to, statistics on cooperatives, in particular those related with their economic and labour impacts, in developing and developed countries from June to November 2015.

■ Specific

- To construct a preliminary “**inventory**” of the statistics available by country, classified by sources/providers, sectors, regions, and type and size of cooperatives, etc.
- To identify the **providers**’ weaknesses and strengthens on the availability of, and access to, statistics on cooperatives;
- To **describe, analyse and compare** the information studied.



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3. METHODOLOGY: LITERATURE REVIEW

1. The Global Co-operative Census 2014, a study commissioned by UNDESA,
2. The World Co-operative Monitor, an annual list and analysis of the 300 largest cooperative enterprises prepared by the ICA and EURICSE, and
3. The Cooperatives and Employment: A Global Report, 2014 a study carried out by **CICOPA**.



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3. METHODOLOGY: **FRAMEWORK**

CICOPA

- Collected data in 74 countries
- On the № employees, № worker members, № producer members
- Through secondary sources:
 1. national statistical authorities, national public bodies in charge of cooperatives or national cooperative organizations.
 2. existing studies on the same topic
 3. national cooperative organizations
- Not exceeding the 2003-2014 period
- Carried out from June 2013- August 2014



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3. METHODOLOGY: **FRAMEWORK**

Coverage and data collection **limitations** CICOPA:

- Incomplete data
- Refers to different years according to different countries
- Sometimes collected on a sectoral level
- Sometimes collected through personal communication
- Focus on employment
- Purpose was to provide “estimates” rather than hard figures



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3. METHODOLOGY: FURTHER RESEARCH

- Further research on the consulted sources **within the CICOPA framework**
- Found additional data on **No Cooperatives** and **financial information** (e.g. assets, equity, profit, etc.)
- First attempt to study the consulted sources more in depth (per region)
- Examined additional sources to complement the info.



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4. OUTPUTS

- An initial “*inventory*” was created in a excel book which includes information on 64 countries: list of variables, producers/providers, source, years, definition and /or criteria, limitations and/or observation.
- *Analytical report* that assesses the information collected at the national level and grouped in four major regions (**Americas, Europa, Asia and Africa**).



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5. ACTIVITIES CARRIED OUT

1. Identification of **providers of statistics** on cooperatives **based on the CICOPA's report**;
2. Collection of the **variables** available by country , and levels of disaggregation;
3. Identification of **the sources of statistics** used by each provider;
4. Detection of **criteria and definitions** used by the sources and/or providers to characterize “cooperatives”(whenever possible);
5. Identification of **missing information** by country and/or region;
6. Contact some **NSOs and other relevant stakeholders** to update and complement the information in some countries;
7. Organization of the information collected by country, source, sector, type, year and gender in an **excel book**;
8. Elaboration of an **analytical report**



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ANALYTICAL REPORT CONTENT

- The **availability of statistics** with particular regards to those recommended by the Resolution (but not only);
- The **providers and the sources** of information used (coverage, limitations, strengths, etc.) by country;
- **Patterns** that emerge within the regions/groups of countries related with the kind of sources and providers;
- **«Good Practices»**
- **Limitations** of this «initial mapping» phase;
- **Preliminary conclusions and recommendations**



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LIMITATIONS OF ADDITIONAL MAPPING

- Scope (countries and sources) limited to the CICOPA framework
- Lack of “legal” definition of cooperatives in some countries (e.g.UK) or an “operational” definition in others
- Possible underestimation and/or overestimation
- Different providers based on different sources within the country
- Classification of cooperatives, sectors, size, type do not follow any standards (international and national)
- Data is not collected at regular intervals; time frequency varies among countries and sources



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NATIONAL DATA AVAILABILITY: SOURCES AND PROVIDERS

1. Regional advisory/consultative bodies
2. Coop associations
3. NSOs
4. Other government agencies
5. Others (TCP, financial institutions, research institutions, etc.)



European Region: providers and sources

COUNTRY	COOP ASSOCIATION	NSO	REGIONAL ADVISORY/ CONSULTATIVE BODY
Austria			EESC
Belgium			EESC
Bulgaria			EESC
Croatia			EESC
Cyprus			EESC
Czech Republic			EESC
Denmark			EESC
Estonia			EESC
Finland			EESC
France	COOP-FR		EESC
Germany			EESC
Greece			EESC
Hungary			EESC
Ireland			EESC
Italy		I.stat	EURICSE / EESC
Latvia			EESC
Lithuania			EESC
Luxembourg			EESC
Malta			EESC
Netherlands			EESC
Poland			EESC
Portugal			EESC
Romania			EESC
Slovakia			EESC
Slovenia			EESC
Spain	CEPES		EESC
Sweden			EESC
UK	Co-operatives UK	ONS	



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European Region: providers and sources

- EESC:
 - Secondary data supplied by national consultants;
 - *In case of gaps:*
 - ICMIF- International Cooperative and Mutual Insurance Federation
 - AMICE- Association of Mutual Insurers and Insurance
 - Cooperative Europe study (2010)
 - COGEGA-General Committee for Agricultural Cooperation in the EU
 - EUROCOOP- European Community of Consumer Cooperatives
- CEPES:
 - members
- EURICSE:
 - Aida database, archives of the INPS, regional registers, special section for social enterprises of the Companies' Register
- Istat:
 - Statistical Business Register on Enterprises Groups (harmonized methodology at the EU level (?))
- Co-operatives UK:
 - Annual returns and accounts submitted by companies to Financial Authority
 - Members annual reports



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American Region: providers and sources

COUNTRY	COOP ASSOCIATION	NSO	OTHER GOVERNMENT AGENCY	REGIONAL ADVISORY/ CONSULTATIVE BODY
Argentina			MDS/INAES	
Brazil			MTE/DIEESE	
Canada			Industry Canada Finance Canada	
Chile		INE	Ministry of Economy, Finance and Tourism- / DeptoCOOP(Decoop)	
Colombia	CONFECOOP/ CENICOOP			
Costa Rica		INEC	INFOCOOP	
Dominican Rep.	CONACOOOP/ IDECOOP			CCC-CA
Guatemala			INACOP	
Panama			IPACOOOP	
Paraguay	CONPACOOOP	DGEEC	DGEEC, BCP	CCC-CA
Peru		INE	Ministry of Production	
Uruguay	CUDECOOP	INE		
Venezuela	SUNACOOOP		MINEP	
US			UWCC	



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Asian Region: providers and sources

COUNTRY	COOP ASSOCIATION	NSO	OTHER GOVERNMENT AGENCY
SOUTHERN ASIA			
India	NCUI-National Cooperative Union of India (apex) (comprehensive)	India STAT (some)	
Iran		Statistical Centre of Iran	Ministry of Cooperatives, Labour and Social Welfare
EASTERN ASIA			
Mongolia		NSO	
Japan		Statistics of Japan	Ministry of Agriculture, Forestry and Fishery; Ministry of Health, Labour and Welfare
SOUTH-EASTERN ASIA			
Indonesia			Ministry of Cooperatives and SMEs
Malaysia			Ministry of Domestic Trade, Cooperatives and Consumerism (MDTCC)/Malaysia Cooperative Commission (MCSC)
Philippines			Cooperative Development Authority (CDA)
Singapore			Ministry of Community Development, Youth and Sports (MCYS)
Vietnam	Vietnam Cooperative Alliance (VCA) (apex)		Ministry of Agriculture and Rural Development (MARD)/Department of Cooperatives and Rural Development Ministry of Planning and Investment (MPIV)/Department of Cooperatives Development/General Statistical Office
OCEANIA			
Australia	Co-operatives Australia	Bureau of Statistics	



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African Region: providers and sources

COUNTRY	COOP ASSOCIATION	OTHER GOVERNMENT AGENCY	OTHER
Botswana			CoopAfrica
Egypt	General Union of Cooperatives CEPES/ESMED		
Ethiopia			CoopAfrica
Kenya			CoopAfrica
Morocco	CEPES/ESMED	Office du Développement de la Cooperation (ODCO)	CoopAfrica
Rwanda			CoopAfrica
Swaziland			CoopAfrica
Tanzania	Tanzania Cooperative Development Commission	Ministry of Agriculture food security and Cooperatives	CoopAfrica
Uganda			CoopAfrica
Zambia			CoopAfrica



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NATIONAL DATA AVAILABILITY: *VARIABLES*

- Overview of the variables available (economic and financial) with emphasis on the most commonly reported variables and «*most relevant statistics on cooperatives*»:
 1. No Cooperatives,
 2. No members and
 3. No workers employed in cooperatives
- By characteristics (*region, sector, gender or size*)
- By Region (*Americas, Europe, Asia and Africa*)



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European Region: Variables available

COUNTRY	№ COOPERATIVES			№ MEMBERS			№ EMPLOYEES			YEAR
	BY SECTOR	BY REGION	BY SIZE	BY SECTOR	BY REGION	BY GENDER	BY SECTOR	BY REGION	BY GENDER	
Austria	X			X			X			2010
Belgium	X			X			X			2009
Bulgaria	X			X			X			2010
Croatia	X						X			2009
Cyprus	X			X			X			2009
Czech Republic	X			X			X			2010
Denmark	X			X			X			2009
Estonia	X									2009
Finland	X			X			X			2010
France	X			X			X			2012
Germany	X			X			X			2009
Greece	X			X			X			2010
Hungary										2009/10
Ireland	X			X			X			2003/4/5
Italy	X			X			X			2008-2011
Latvia	X			X			X			2009
Lithuania	X			X			X			2009
Luxembourg										2010
Malta										2009/11
Netherlands	X			X			X			2009
Poland	X			X			X			2008
Portugal	X			X			X			2009
Romania	X			X			X			2009
Slovakia	X			X			X			2009/2010
Slovenia										2009
Spain	X	X		X			X			2008-14
Sweden	X			X			X			2009/10
UK	X	X		X	X		X	X		2015



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Americas Region: providers and sources

COUNTRY	No COOPERATIVES			No MEMBERS			No EMPLOYEES			YEAR
	BY SECTOR	BY REGION	BY SIZE	BY SECTOR	BY REGION	BY GENDER	BY SECTOR	BY REGION	BY GENDER	
Argentina SA	X	X		X	X					2005-2007
Brazil SA	X	X	X				X	X	X	2006-2010
Canada NA	X	X	X	X	X		X	X		2000-2010
Chile SA	X	X		X		X	X		X	2007-2014
Colombia SA	X	X	X	X	X		X	X	X	2000-2012
Costa Rica CA	X	X		X		X			X	2008-2012
Dom. Rep. CAR	X	X	X	X	X	X		X	X	2003-2012
Guatemala CA	X	X		X		X			X	2008
Panama CA	X	X		X	X	X				2012-2014
Paraguay SA	X	X	X	X	X	X	X	X	X	2007-2013
Peru SA	X	X								2005-2006
Uruguay SA	X	X	X	X		X	X		X	2008-2009
US NA	X			X			X			2006-2007
Venezuela SA	X	X		X		X				2001-2005



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Americas Region: Classification of sector and type of cooperatives by country

Country	SECTOR	TYPE
Argentina SA	ClasNAE/ISIC Rev. 4	work , public services, housing , consumption , supply, credit , agriculture , manufacturing, trade, insurance , construction , education, social assistance, transportation / courier , medical / dental assistance, tourism , cemetery
Brazil SA	CNAE/ISIC	
Canada NA	NAICS	Non-financial and financial cooperatives Consumer, producer, work, multi stakeholder and federations
Chile SA		1) work cooperatives , 2) agricultural, farming and fishing 3) services: schools , supply and distribution of electricity and drinking water , housing, credit unions , consumer
Colombia SA		Agricultural, credit unions, consumer, health, associated work, transportation. education , insurance , microcredit and housing
Costa Rica CA	ISIC/CIU Rev. 3	Traditional and self-managed
Dom. Rep. CAR		production and work, consumption, fishing, electricity , health, mining, agricultural , insurance



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Americas Region: Classification of sector and type of cooperatives by country

Country	SECTOR	TYPE
Guatemala CA		agricultural, savings and credit , production, consumption , housing, transport , fishing , special services and marketing
Panama CA		Youth, credit unions, consumer market, fishing, production, health services, tourism, labor, transportation and housing
Paraguay SA	ISIC	
Peru SA	ISIC	
Uruguay SA	CIIU/ISIC Rev.4	agricultural , credit unions , consumer , medical, dental , production, associated labor and social cooperatives and housing
US NA		(i) commercial sales and marketing (ii) social and public services (iii) financial services (iv) utilities: electric, telephone, water and waste
Venezuela SA		Savings and credit, consumption, housing, production, social protection, services supply.



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Asian Region: providers and sources

COUNTRY	№ COOPERATIVES			№ MEMBERS			№ EMPLOYEES			YEAR
	BY SECTOR	BY REGION	BY SIZE	BY SECTOR	BY REGION	BY GENDER	BY SECTOR	BY REGION	BY GENDER	
Australia	X			X			X			2009-2014
India	X			X			X			1995-2012
Indonesia		X			X			X		2000-2014
Iran	X			X		X	X		X	2010
Japan	X	X	X	X	X		X			2005-2011
Malaysia	X		X	X						2009-13
Mongolia	X	X		X	X					2013, 2014
Philippines	X	X	X	X	X			X		2011-14
Singapore	X			X						2013
Vietnam	X	X			X			X		2009-2013



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African Region: providers and sources

COUNTRY	No COOPERATIVES			No MEMBERS			No EMPLOYEES			YEAR
	BY SECTOR	BY REGION	BY SIZE	BY SECTOR	BY REGION	BY GENDER	BY SECTOR	BY REGION	BY GENDER	
Botswana										2005/2008
Egypt	X			X			X			2010
Ethiopia										2005/2008
Kenya										2005/2008
Morocco	X	X		X	X					2006-2011
Rwanda										2008
Swaziland										2008
Tanzania	X	X		X		X				2005-2008
Uganda										2005-2008
Zambia										2008



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Concluding Remarks

- The **available statistics** on cooperatives cover not only those recommended by the Resolution but many other financial information. **However,**
- The range of variables available varies quite a lot among countries: from 3 or 4 in some countries to more than twenty in others.
- Disaggregation is also unevenly available although they can be broken down by region, sector, type of cooperatives in many countries.
- There is no standard typology of cooperatives and classifications do not follow a standard international classification or even common national classification in most of the cases
- Membership and employment are broken down by gender in a limited number of countries



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Concluding Remarks

- The **major providers** of statistics are regional advisory/consultative bodies, coop. organizations, and government agencies in charge of promoting, registering and monitoring coop's development.
- The NSOs are the least involved and the reason needs to be explored;
- Data collection has been conducted by **different** providers, during **different** periods of time, applying **different** methodologies and definitions;
- Data has been collected using mainly **registers, surveys or censuses**. Sources may **differ** within countries as well as the data reported by them. *However,*
- In some countries, *the existing statistics have been systematically collected, at regular periods of time and following ISIC*



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Concluding Remarks

- The **lack of a government body** responsible for cooperatives at the national level seems to be a major obstacle to the development of reliable statistics,
- The **involvement of the NSO** in guiding and assisting the data collection process conducted in collaboration with other government agencies seems to be an important element



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Next Steps

- Update and expand the database by analyzing in depth the methodology used by the sources
 - Classifying sources (primary / secondary)
 - Create «*matrix*» of cooperatives by certain characteristics (e.g. type of surveys, sources, producers, etc.)
 - Identify good practices in each «*cell*».
 - Make in depth analysis of the emerging patterns.



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Next Steps

- To study the **regional bodies** dealing with cooperatives issues across borders and learn about their actions to *harmonize concepts, measurement criteria and registration system* at the European level (EESEC) and, maybe, in South America (MERCOSUR);
- To study the *participatory and integrated process* of data collection in **Costa Rica and Paraguay** and detect the *crucial elements* of this process for the generation and compilation of statistics on cooperatives;
- To **strengthen collaboration** with the MTE (Brazil), through the ILO Office, in order to promote and support their endeavour to *systematize data collection* in the country and learn about the process.



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Thank you