

# Data quality case study using data published by FAO and the Gates Foundation

**Brian Carisma**

Food and Agriculture Organization (FAO)

10 mins



# Improving IATI data quality: challenges and opportunities

*A case study of funded projects published by BMGF and FAO*

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Brussels, Belgium*

**Brian Carisma**  
Statistics Division, FAO

# Background - initiative on improving data quality

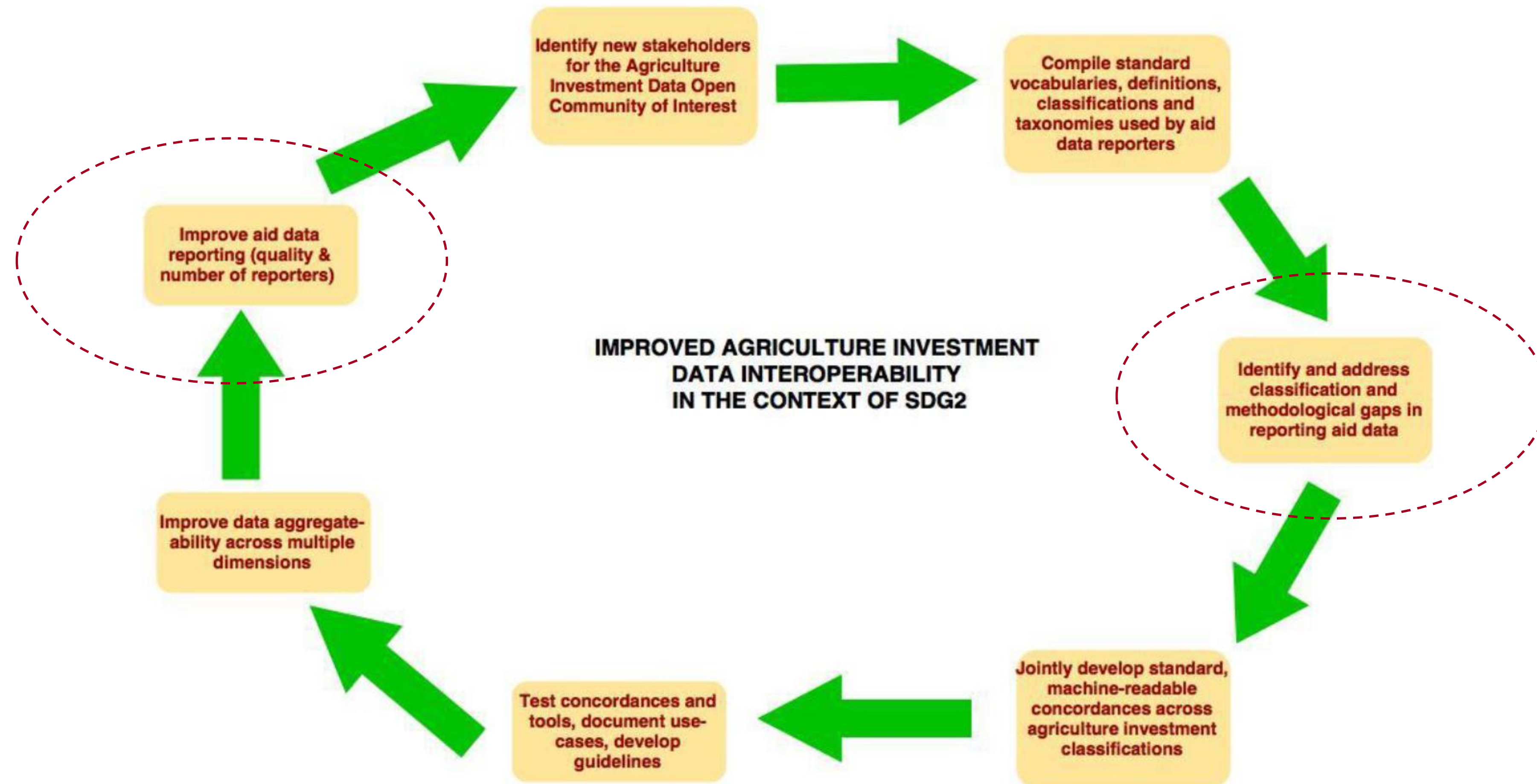
## **a. IATI driven**

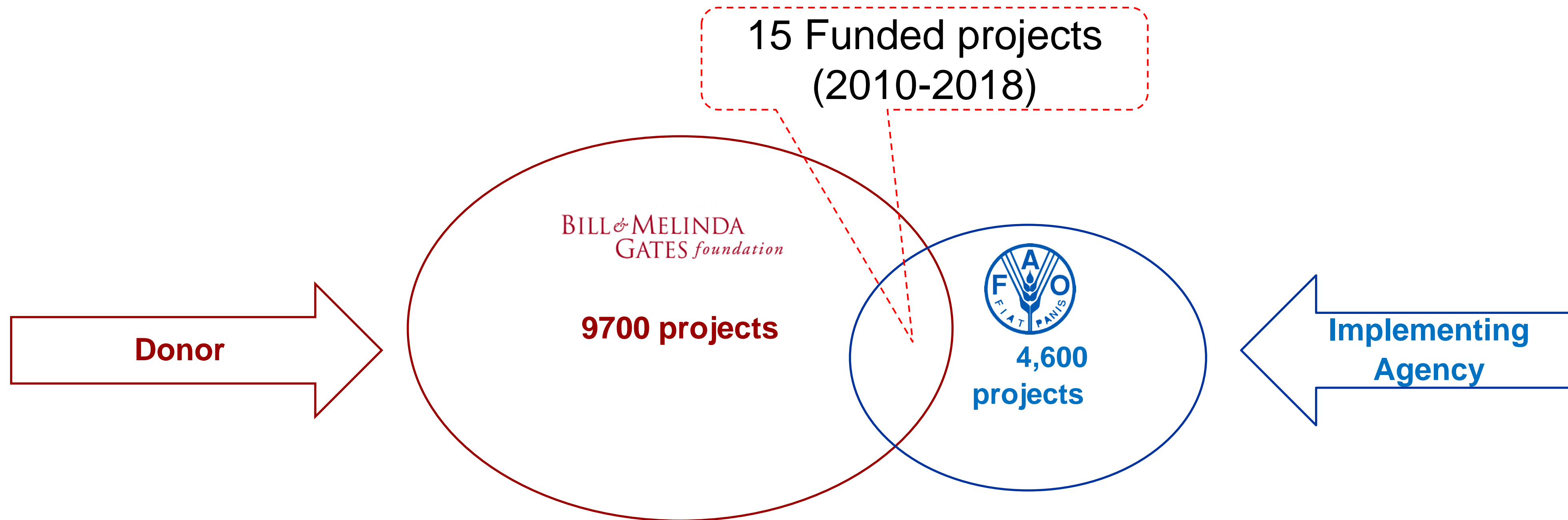
## **b. Data publisher driven (donor- implementing partners)**

**CROSS-CUTTING: Targeted support for agricultural statistical innovation at FAO**

*IATI Identifier: DAC-1601-OPP1163079*

*IATI Identifier: XM-DAC-41301-642062*



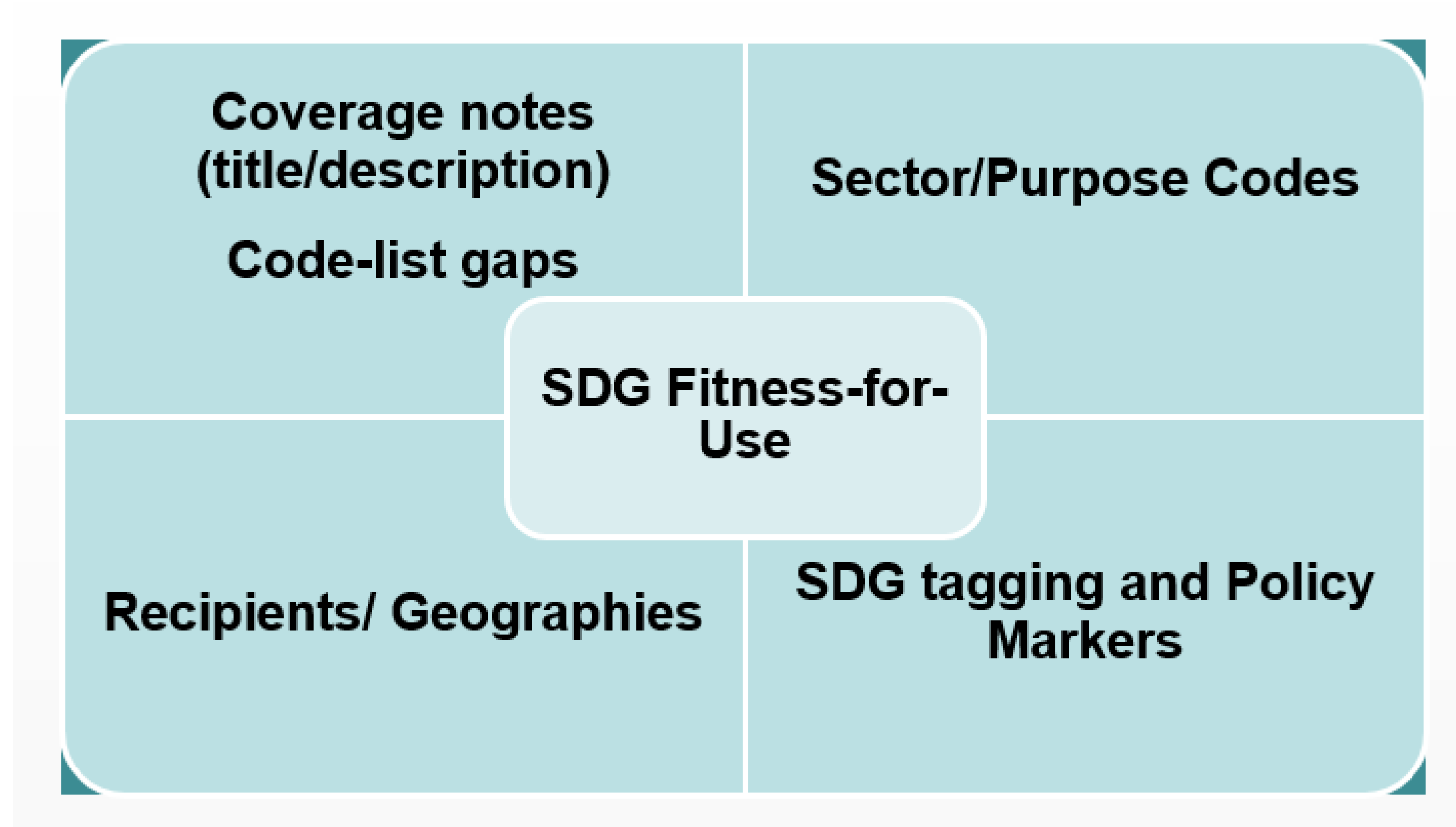


# The case study – coverage

15 projects awarded to FAO between 2010-2018

| YEAR | Bill and Melinda Gates Foundation |                     |  | Food and Agriculture Organization |                     |  |
|------|-----------------------------------|---------------------|--|-----------------------------------|---------------------|--|
|      | OPPORTUNITY ID (OPP)              | IATI IDENTIFIER     | Project Title  | ENTITY NUMBER                     | IATI IDENTIFIER     | Project Title  |
| 2018 | OPP1183137                        | DAC-1601-OPP1189436 | Support to the Government of Ethiopia to update the national Food Composition Table (FCT) and establish a related database   | 651013                            | XM-DAC-41301-649316 | Support to the Government of Ethiopia to update the national Food Composition Table (FCT) and establishing a database  |
| 2018 | OPP1189436                        | DAC-1601-OPP1189436 | Development and dissemination of the FAO/WHO Global Individual Food Consumption Data Tool (GIFT)   | 649316                            | XM-DAC-41301-649316 | Development and dissemination of the FAO/WHO Global Individual Food Consumption Data Tool (FAO/WHO GIFT)   |
| 2016 | OPP1163079                        | DAC-1601-OPP1163079 | CROSS-CUTTING: Targeted support for agricultural statistical innovation at FAO   | 642062                            | XM-DAC-41301-642062 | CROSS-CUTTING: Targeted support for agricultural statistical innovation at FAO   |
| 2016 | OPP1121080                        | DAC-1601-OPP1121080 | Small Ruminant Landscaping Grant   | 640174                            | XM-DAC-41301-640174 | Small Ruminant Landscaping Grant   |
| 2016 | OPP1146492                        | DAC-1601-OPP1146492 | Engagement of the Committee on World Food Security in the Sustainable Development Goals  |                                   |                     |  |
| 2014 | OPP1103948                        | DAC-1601-OPP1103948 | Strengthening Governance of Food Security and Nutrition through support to the Committee on World Food Security (CFS)  |                                   |                     |  |
| 2014 | OPP1082068                        | DAC-1601-OPP1082068 | Accelerated: Improving the quality and use of livestock data for decision-making in anchor countries   | 615431                            | XM-DAC-41301-615431 | Livestock in Africa: Improving Data for Better Policies - Phase II   |
| 2014 | OPP1009488                        | DAC-1601-OPP1009488 | RENEWAL of OPPGD803: Assessing Market Policies and Investment Flows, Monitoring African Food and Agricultural Policies (MAFAP)   | 616059                            | XM-DAC-41301-616059 | Monitoring and Analysing Food and Agricultural Policies II (MAFAP II)  |
| 2013 | OPP1098200                        | DAC-1601-OPP1098200 | Accelerated: Nutrition trends and challenges: country experiences and policy lessons   | Closed in 2015                    |                     | Not reported   |
| 2012 | OPP1052713                        | DAC-1601-OPP1052713 | Reinvestment of OPP1029955: Global Strategy to Improve Agricultural and Rural Statistics   | 616712                            | XM-DAC-41301-616712 | Global Component- Global Strategy to Improve Agricultural and Rural Statistics   |
| 2012 | OPP1052564                        | DAC-1601-OPP1052564 | Strengthening Agricultural Market Information Systems (AMIS) globally and in selected countries (Nigeria, India, Bangladesh) using innovative methods and digital technology | 618750                            | XM-DAC-41301-618750 | Strengthening Agricultural Market Information Systems (AMIS) globally and in selected countries (Bangladesh/India/Nigeria) using innovative methods and digital technology |
| 2011 | OPP1029955                        | DAC-1601-OPP1029955 | Strengthening Ag Stats in anchor countries - Phase I: Assessment of Anchor Country Ag Statistics Systems   | Closed in 2014                    |                     | Not reported   |
| 2011 | OPPGD1280                         | DAC-1601-OPPGD1280  | Statistics from Space - Piloting opportunities in Ethiopia ... sub-Saharan Africa  | Closed in 2016                    |                     | Not reported   |
| 2011 | OPPGD1452                         | DAC-1601-OPPGD1452  | Reinvestment of Grant 48598 construct a statistical framework and ...their monitoring (CountrySTAT)  | 613879                            | XM-DAC-41301-613879 | CountrySTAT for Sub-Saharan Africa: Strengthening the CountrySTAT System established in 17 Sub-Saharan African Countries - Phase II of GCP/GLO/208/BMG (Grant OPPGD1452)   |
| 2010 | OPP1015921                        | DAC-1601-OPP1015921 | Conference and Round Table: Global strategies to support the implementation plan for improving African agricultural statistics   |                                   |                     |  |

## The case study – framework



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*How similar or different funded projects are as reported by the donor and implementing agency?*



## Issue 1: Aid data reported to the CRS database may not necessarily mirror the IATI data

– BMGF CRS microdata – extracted 26 Aug 2019



https://stats.oecd.org/MicroData.aspx?subSessionId=f2658c34-9e93-4a8d-9419-30b09acbf5d3&datasetCode=CRS1&coordinate=DONOR%3D1601%26SECTOR%3D310%26FLOW%3D31110

stats.oecd.org/MicroData.aspx?subSessionId=f2658c34-9e93-4a8d-9419-30b09acbf5d3&datasetCode=CRS1&coordinate=DONOR%3D1601%26SECTOR%3D310%26FLOW%3D31110

### Microdata for Creditor Reporting System (CRS)

Selected Dimensions:  
Donor : Bill & Melinda Gates Foundation / Recipient : Developing Countries, Total / Sector : III.1. Agriculture, Forestry, Fishing, Total / Flow : Private Development Finance / Characteristic : Agricultural policy and administrative management

| Type of Aid Code | Type of Aid Name   | Short Description                            | Project title                                | Purpose Code | Purpose Name                                      |
|------------------|--|--|--|--------------|---|
| B01              | Core support to NGOs, other private bodies, PPPs and research institutes | CENTER FOR STRATEGIC & INTERNATIONAL STUDIES | Center for Strategic & International Studies | 31110        | Agricultural policy and administrative management |
| C01              | Project-type interventions   | CARE   | CARE   | 31110        | Agricultural policy and administrative management |
| C01              | Project-type interventions   | OXFAM-AMERICA INC                            | Oxfam-America Inc                            | 31110        | Agricultural policy and administrative management |
| C01              | Project-type interventions   | ALLIANCE FOR A GREEN REVOLUTION IN AFRICA    | Alliance for a Green Revolution in Africa    | 31110        | Agricultural policy and administrative management |

# Issue 1. IATI report vs CRS as reported by BMGF

## IATI report for OPP1182123

<http://d-portal.org/q.html?aid=DAC-1601-OPP1182123>

| Title   | Sector                                      | Recipient                  |
|---|---|----------------------------|
| Support to National Statistics Offices in Extracting the GRID Geospatial Reference Layers from National Census Data (DFID-DF) | 13010 - Population policy & admin mgt (50%) | 298- 100% Africa, regional |
|   | 16062- Statistical capacity building (50%)  |                            |

## IATI report for OPP1163079

<http://d-portal.org/q.html?aid=DAC-1601-OPP1163079>

|  |  |            |
|--|--|------------|
| CROSS-CUTTING: Targeted support for agricultural statistical innovation at FAO | 31110- Agricultural policy and administrative management | 998- World |
|--|--|------------|

## IATI report for OPP1121080

<http://d-portal.org/q.html?aid=DAC-1601-OPP1121080>

|                                  |                  |                                     |
|----------------------------------|------------------|-------------------------------------|
| Small ruminant landscaping grant | 31163- Livestock | Burkina Faso- 45%<br>Ethiopia – 45% |
|----------------------------------|------------------|-------------------------------------|

## CRS report for OPP1182123

| Title                          | Sector                                      | Recipient                  |
|--------------------------------|---|----------------------------|
| United Nations Population Fund | 13010 - Population policy & admin mgt (50%) | 298- 100% Africa, regional |
|                                | 16062- Statistical capacity building (50%)  |                            |

## CRS report for OPP1163079

|   |  |                        |
|---|--|------------------------|
| Food and Agriculture Organization of the United Nations | 31110- Agricultural policy and administrative management | Bilateral, unspecified |
|---|--|------------------------|

## CRS report for OPP1121080 (**broken into 3 reports**)

|   |                  |   |
|---|------------------|---|
| Food and Agriculture Organization of the United Nations | 31163- Livestock | Burkina Faso- 45%<br>Ethiopia – 45%<br>Bilateral, unspecified – 10% |
|---|------------------|---|



## Issue 2. Coverage (title/description)- same projects, different titles

1

| Project title   | End Date   | Outgoing Commitments |
|---|------------|----------------------|
| Reinvestment of Grant 48598 construct a statistical framework and apply an info technology solution for countries and regions, to consolidate food and ag statistics into an integrated solution to support policy decisions and their monitoring (CountrySTAT)<br><small>Reported by Bill &amp; Melinda Gates Foundation</small> | 2016-12-31 | 6,929,300 USD        |

| Project title  | End Date   | Outgoing Commitments |
|--|------------|----------------------|
| CountrySTAT for Sub-Saharan Africa: Strengthening the CountrySTAT System established in 17 Sub-Saharan African Countries - Phase II of GCP/GLO/208/BMG (Grant OPPGD1452)<br><small>Reported by Food and Agriculture Organization of the United Nations (FAO)</small> | 2016-12-31 | 6,929,300 USD        |

2

|  |            |               |
|--|------------|---------------|
| Accelerated: Improving the quality and use of livestock data for decision-making in anchor countries<br><small>Reported by Bill &amp; Melinda Gates Foundation</small> | 2016-12-31 | 1,498,150 USD |
|--|------------|---------------|

|  |            |               |
|--|------------|---------------|
| Livestock in Africa: Improving Data for Better Policies - Phase II<br><small>Reported by Food and Agriculture Organization of the United Nations (FAO)</small> | 2016-12-31 | 1,498,150 USD |
|--|------------|---------------|

3

|  |            |                |
|--|------------|----------------|
| RENEWAL of OPPGD803: Assessing Market Policies and Investment Flows, Monitoring African Food and Agricultural Policies (MAFAP)<br><small>Reported by Bill &amp; Melinda Gates Foundation</small> | 2021-07-31 | 12,026,200 USD |
|--|------------|----------------|

|   |            |                |
|---|------------|----------------|
| Monitoring and Analysing Food and Agricultural Policies II (MAFAP II)<br><small>Reported by Food and Agriculture Organization of the United Nations (FAO)</small> | 2020-04-30 | 12,026,200 USD |
|---|------------|----------------|

### Issue 3. Same projects- different sectors/purpose codes

*Sector/purpose codes* - It should be selected by answering the question “which specific area of the recipient’s economic or social structure is the transfer intended to foster”

|             | BILL AND MELINDA GATES FOUNDATION |  |   |  |               | FOOD AND AGRICULTURE ORGANIZATION |  |  |            |               |
|-------------|-----------------------------------|--|---|--|---------------|-----------------------------------|--|--|------------|---------------|
| <u>YEAR</u> | IATI ID                           | PROJ TITLE   | DAC SECTOR  | RECIPIENT  | <u>AMOUNT</u> | IATI ID                           | PROJ TITLE   | DAC SECTOR   | RECIPIENT  | <u>AMOUNT</u> |
| 2016        | DAC-1601-OPP1163079               | CROSS-CUTTING: Targeted support for agricultural statistical innovation at FAO                       | <b>31110- Agri policy &amp; administrative mgt</b>  | World. Global  | \$10,543,600  | XM-DAC-41301-642062               | CROSS-CUTTING: Targeted support for agricultural statistical innovation at FAO | <b>16062- Statistical capacity</b>                 | Global. NA | \$10,543,600  |
| 2014        | DAC-1601-OPP1082068               | Accelerated: Improving the quality and use of livestock data for decision-making in anchor countries | <b>31195- Live stock/ veterinary services</b>       | Tanzania 34%, Uganda 33%, Nigeria 33%                      | \$1,498,150   | XM-DAC-41301-615431               | Livestock in Africa: Improving Data for Better Policies - Phase II             | <b>31110- Agri policy &amp; administrative mgt</b> | NA         | \$1,498,150   |
| 2012        | DAC-1601-OPP1052564               | Strengthening Agricultural Market Information Systems (AMIS)...                                      | <b>31110 – Agri policy &amp; administrative mgt</b> | Bangladesh, India Nigeria- (18.5% each), 998 Dev countries | \$5,637,510   | XM-DAC-41301-618750               | Strengthening Agricultural Market Information Systems (AMIS)...                | <b>16062- Statistical capacity</b>                 | Global. NA | \$5,637,510   |



# Issue 4. Same projects- different recipients/geography

| BILL AND MELINDA GATES FOUNDATION |                     |   |                     |   |             | FOOD AND AGRICULTURE ORGANIZATION |  |                             |            |             |
|-----------------------------------|---------------------|---|---------------------|---|-------------|-----------------------------------|--|-----------------------------|------------|-------------|
| YEAR                              | IATI ID             | PROJ TITLE  | DAC SECTOR          | RECIPIENT   | AMOUNT      | IATI ID                           | PROJ TITLE   | DAC SECTOR                  | RECIPIENT  | AMOUNT      |
| 2012                              | DAC-1601-OPP1052564 | Strengthening Agricultural Market Information Systems (AMIS)... | 31110 - Agri policy | Bangladesh (18.5%), India (18.5%) Nigeria (18%), <u>998 Dev countries (45%)</u> | \$5,637,510 | XM-DAC-41301-618750               | Strengthenin g Agricultural Market Information Systems (AMIS)... | 16062- Statistical capacity | Global. NA | \$5,637,510 |

*Developing countries/regional/global recipients – do not exist in IATI as single geographical entity (recipient)*

*Where to allocate the 45% flows of BMGF and the 100% global flows of FAO?*

*Publisher = FAO  
Sector = 16062 (Stat Capacity)  
Year = 2012-2012*



## Issue 5. Same projects- different titles, purpose codes & recipients

|             | BILL AND MELINDA GATES FOUNDATION |  |                                       |  |               | FOOD AND AGRICULTURE ORGANIZATION |  |                                   |           |               |
|-------------|-----------------------------------|--|---------------------------------------|--|---------------|-----------------------------------|--|-----------------------------------|-----------|---------------|
| <u>YEAR</u> | IATI ID                           | PROJ TITLE   | DAC SECTOR                            | RECIPIENT  | <u>AMOUNT</u> | IATI ID                           | PROJ TITLE   | DAC SECTOR                        | RECIPIENT | <u>AMOUNT</u> |
| 2014        | DAC-1601-OPP1082068               | Accelerated: Improving the quality and use of livestock data for decision-making in anchor countries | 31195- Livestock/ veterinary services | Tanzania, 20%<br>Uganda, 20%<br>Nigeria, 20%<br>World 20%<br>South Sahara, 20% | \$1,498,150   | XM-DAC-41301-615431               | Livestock in Africa: Improving Data for Better Policies - Phase II | 31110 – agri policy and admin mgt | Global    | 1,498,150     |

*Implication: It appears that they are different projects*

*In this particular project, the Statistics Division initially coded the activity as 16062- statistical capacity but the project Lead Technical Officer changed the code as 31110- agricultural policy and administrative management.*

*Question: How do you resolve when a project officer and data reporter are not in agreement of the code to use?*



## Issue 6. Case of Blended finance? Same project- but multiple funders

|             | BILL AND MELINDA GATES FOUNDATION |  |                   |  |               | FOOD AND AGRICULTURE ORGANIZATION |   |                     |                                   |               |
|-------------|-----------------------------------|--|-------------------|--|---------------|-----------------------------------|---|---------------------|-----------------------------------|---------------|
| <u>YEAR</u> | IATI ID                           | PROJ TITLE   | DAC SECTOR        | RECIPIENT  | <u>AMOUNT</u> | IATI ID                           | PROJ TITLE  | DAC SECTOR          | RECIPIENT                         | <u>AMOUNT</u> |
| 2012        | DAC-1601-OPP1052713               | Reinvestment of OPP1029955: Global Strategy to Improve Agricultural and Rural Statistics | 31110-Agri policy | 998 (40%) Developing countries; 298 (60%) Africa, regional | \$15,114,900  | XM-DAC-41301-616712               | Global Component-Global Strategy to Improve Agricultural and Rural Statistics | 16062-Stat capacity | Global (reported as multilateral) | \$19,943,500  |

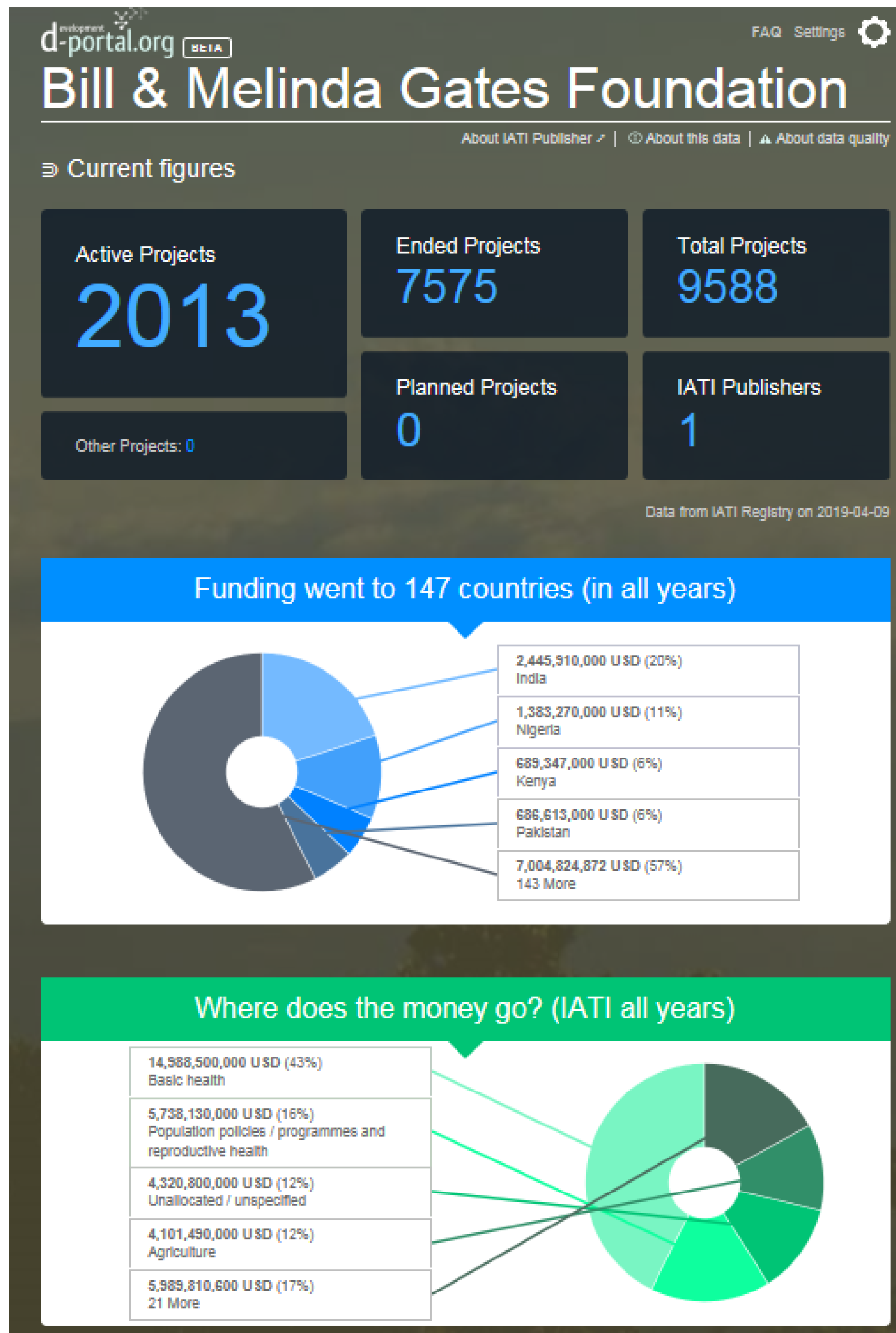
*This project has been reported by FAO as multilateral funding- \$15,114,900 of \$19,943,500 is aid grant of the foundation.*

*Question: How to report projects with multiple funders? Blended finance?*

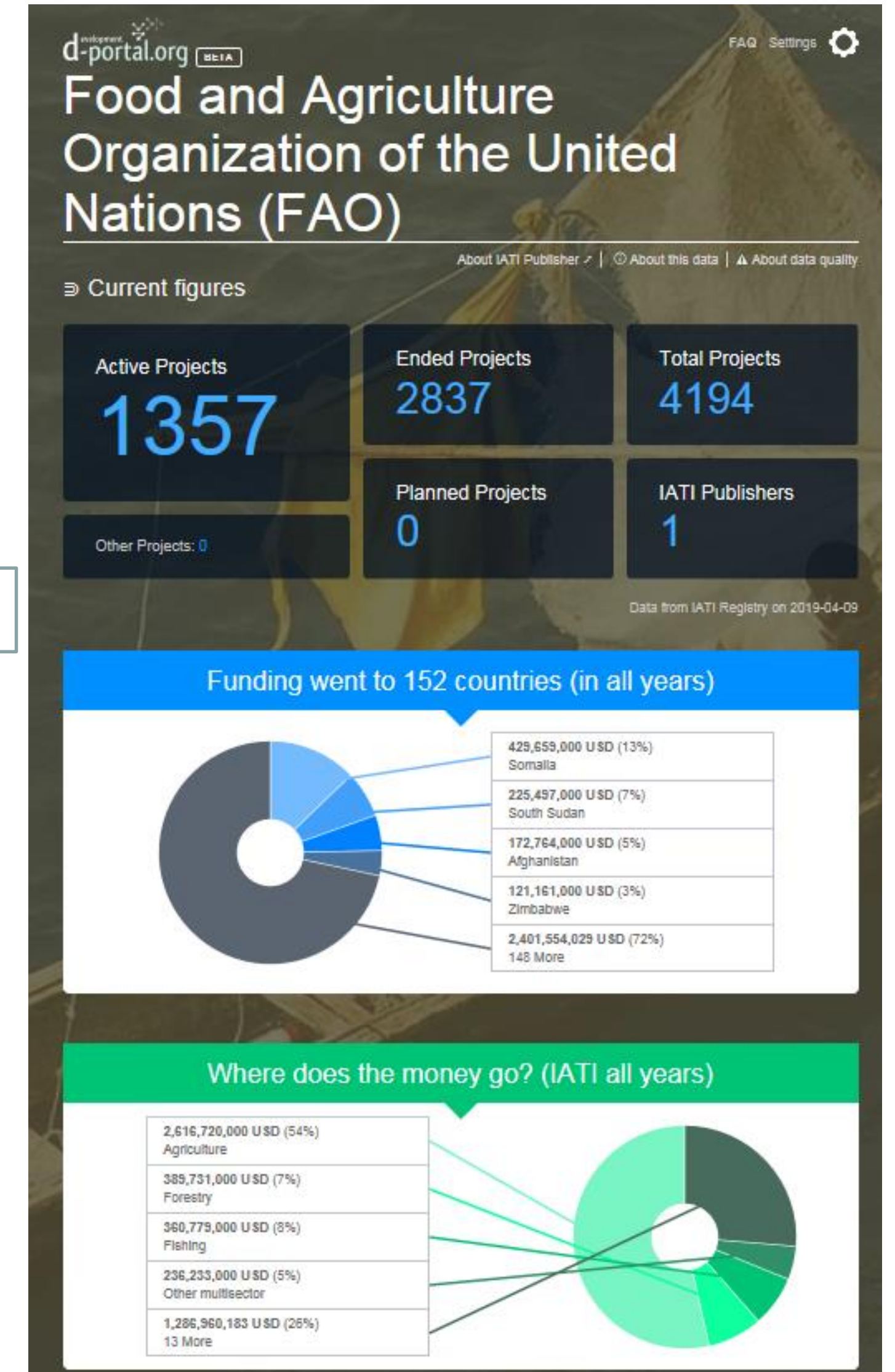
WHO'S INVOLVED? (3)

- Food and Agriculture Organization (FAO) **Implementing** XM-DAC-41301
- Food and Agriculture Organization (FAO) **Accountable** XM-DAC-41301
- Multilateral **Funding**

**Issue 7. Traceability of funded projects-** key challenge. Need to check every data entry to identify funded-projects report. No default filter for implementing & accountable agency



Funded projects = No common identifier



- **The case study highlights that there are consistency issues with regards to the data published in IATI especially for funded projects.**
- **IATI Secretariat may facilitate comprehensive audit/review of consistency of data published in IATI**
- **Donors may initiate *motu proprio examination* of their data vis-a-vis the data published by their project grantees**
- **Explore traceability options for funded projects**



## Donors may facilitate improving the consistency of data reporting by:

- Integrate coding as part of the project cycle- both from donor and aid grantees;
- Basic project info such title, sector/purpose code, recipients, Policy Markers, SDG-tag have to be clearly agreed upon from the on-set of project grant;
- May provide the *project identifier* that can be consistently used by both donor and aid grantees to ensure traceability;
- Ensure the *consistency* and *traceability* of funded-projects reported by both donors and aid grantees

The screenshot shows the 'Grant Proposal Narrative' form from the Bill & Melinda Gates Foundation. It is divided into two main sections: 'General Information' and 'Prospective Grantee Information'. The 'General Information' section includes fields for Proposal Title, Requested Amount (U.S.\$), Total Project Cost (U.S.\$), Opportunity ID, and Investment Duration (Months). The 'Prospective Grantee Information' section includes fields for Organization Legal Name, Organization Doing Business as, Primary Contact Name, Primary Contact Title, Primary Contact Email, Primary Contact Phone, and Mailing Address (Street Address 1, 2, and 3).

The screenshot shows the 'Concept Note' form from the FAO Technical Cooperation Department Field Programme Management Information System (FPMIS). The form is divided into several sections: 'Project locators', 'Geographical Area', 'Organizational Structures', 'FAO Lead Technical Units', 'FAO Operating Units', 'My Inbox', and 'Concept Note'. The 'Concept Note' section includes fields for Country(ies)/Region(s) of implementation or Global, Project formulator, Preliminary Project/Programme Title, Estimated total budget in USD, Proposal foresees the use of an Advance Allocation, Project Type, Potential Resource Partner(s), Possible start date, and Possible end date. There is also a section for 'OECD Classification' and 'OECD Purpose'. The form includes a detailed explanation of the OECD Classification and Purpose sections, and a section for 'Policy Markers (Select all that apply)'.

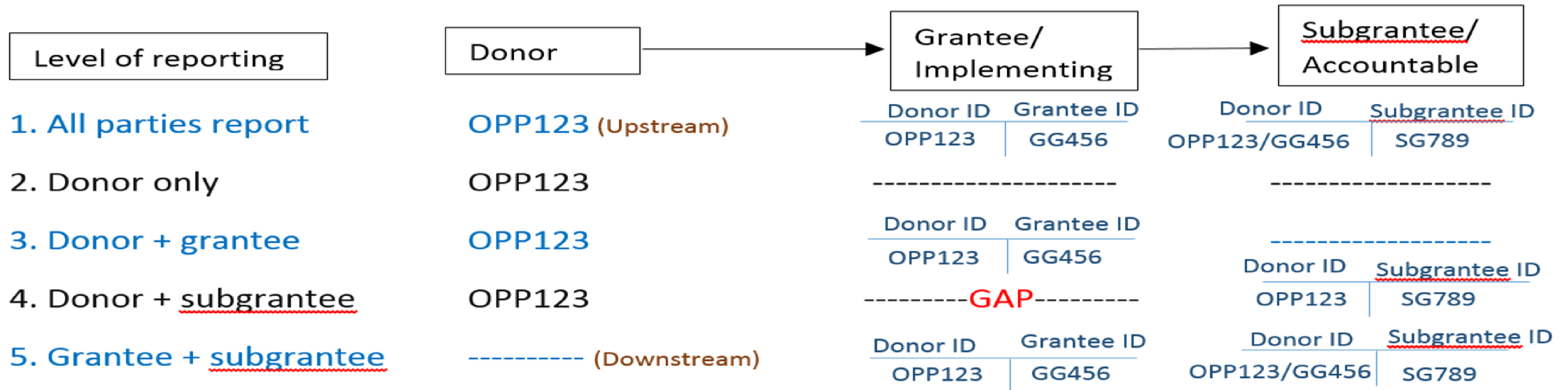


## Options for improving the traceability of funded projects: perspective from BMGF & FAO

e.g. project ABC – Project identifier link for Funding, Implementing and Accountable agencies



### Various reporting scenarios & proposed project identifier:



**The Statistics Division is constantly looking for ways to improve aid data reporting of FAO. For this project, the next steps are:**

- **present this case study (focusing on SDG2) at the 8th International Conference on Agricultural Statistics (ICAS-VIII) in November in India (subject to availability of funding)**
- **Undertake another case study examining the data quality the entire reporting chain (Funding, Implementing, Accountable publishers) - *we are looking for partners for this study and potential funding***
- **Expand this work to include major donors and resource partners of FAO - *any willing resource partners?***