

Functional design

Hivos IATI for The Netherlands
Ministry of Foreign Affairs

Barry de Graaff
Annemarie Stolp

Table of Contents

Introduction.....	4
Scope.....	5
Requirements.....	5
Program Funding Use Case.....	6
Osiris contracts.....	7
Osiris Business Partners.....	7
IATI Identifier.....	7
IATI Activity file.....	8
Activities.....	8
(4.1.1) iati-activities.....	8
(4.1.2) iati-activities→iati-activity.....	8
(4.1.3) iati-activities→iati-activity→reporting-org.....	8
(4.1.3) iati-activities→iati-activity→iati-identifier.....	9
(4.1.4) iati-activities→iati-activity→title.....	9
(4.1.4) iati-activities→iati-activity→description->narrative.....	9
(4.1.4) iati-activities→iati-activity→activity-status.....	9
(4.1.4) iati-activities→iati-activity→activity-date.....	10
(4.1.4) iati-activities→iati-activity→contact-info.....	10
(4.1.4) iati-activities→iati-activity→contact-info->telephone.....	10
(4.1.4) iati-activities→iati-activity→contact-info->email.....	10
Assessment (webform).....	11
IATI all baseline data.....	11
IATI result data.....	11
Report for staff overview.....	11
(4.1.5) iati-activities→iati-activity→participating-org.....	12
(4.1.6) iati-activities→iati-activity→recipient-country.....	14
(4.1.6) iati-activities→iati-activity→recipient-region.....	14
(4.1.7) iati-activities→iati-activity→sector.....	15
(4.1.7) iati-activities→iati-activity→policy-marker.....	16
(4.1.7) iati-activities→iati-activity→default-flow-type.....	17
(4.1.7) iati-activities→iati-activity→default-finance-type.....	17
(4.1.7) iati-activities→iati-activity→default-aid-type.....	18
(4.1.7) iati-activities→iati-activity→default-tied-status.....	18
Budget.....	19
(4.1.8) iati-activities→iati-activity→budget.....	20
(4.1.8) iati-activities→iati-activity→budget→value.....	20

Transactions.....	21
4.1.8) iati-activities→iati-activity→transaction (type 1).....	22
4.1.8) iati-activities→iati-activity→transaction→value.....	22
4.1.8) iati-activities→iati-activity→transaction (type 2).....	23
4.1.8) iati-activities→iati-activity→transaction→value.....	23
4.1.8) iati-activities→iati-activity→transaction (type 3 or 4).....	24
4.1.8) iati-activities→iati-activity→transaction→value.....	24
4.1.8) iati-activities→iati-activity→transaction (type 11).....	25
4.1.8) iati-activities→iati-activity→transaction→value.....	25
4.1.9) iati-activities→iati-activity→document-link.....	26
4.1.10) iati-activities→iati-activity→related-activity.....	27
Result.....	28
4.1.11) iati-activities→iati-activity→result.....	28
4.1.11) iati-activities→iati-activity→result->indicator.....	28
4.1.11) iati..iati-activity→result->indicator->baseline.....	29
4.1.11) iati..iati-activity→result→indicator→period (target).....	30
4.1.11) iati..iati-activity→result→indicator→period (actual).....	30

Introduction

This document describes how Hivos plans to implement the Publication Guidelines for partners, contractors and suppliers as released by The Netherlands Ministry of Foreign Affairs on December 1st 2015.

The guidelines are available online via:

<https://www.government.nl/binaries/government/documents/publications/2015/12/01/open-data-and-development-cooperation/how-to-use-the-iat-standard-1.pdf>

Hivos already publishes an IATI activity file for the entire organisation, but for the Dutch government data must be represented in a different form and also different performance indicators must be added.

The head of the current IATI activity file implemented in PL/SQL looks like this

```
<iati-activities version="1.01" generated-datetime="2016-03-14T06:50:39">
- <iati-activity xml:lang="en" hierarchy="1" default-currency="EUR" last-updated-datetime="2016-03-08T08:35:33">
  <reporting-org type="22" ref="NL-KVK-41198677">HIVOS</reporting-org>
  <iati-identifier>NL-2-1012899</iati-identifier>
  - <title>
    Consultancy on development of small breeders for the project of Introducing improved breed of pigs and promotion of
  </title>
  <activity-status code="2">Implementation</activity-status>
  <activity-date type="start-actual" iso-date="2016-03-01"/>
  <activity-date type="end-actual" iso-date="2016-05-31"/>
  - <contact-info>
    <organisation>Alexander Kamil Kasim</organisation>
    <website>n/a</website>
  </contact-info>
  <participating-org xml:lang="en" role="Implementing">Alexander Kamil Kasim</participating-org>
  <recipient-country code="ID">Indonesia</recipient-country>
  <policy-marker/>
  - <budget>
    <value value-date="2016-02-27" currency="EUR">8739</value>
  </budget>
  - <transaction>
    <transaction-type code="D">Disbursement</transaction-type>
    <provider-org>GRM International</provider-org>
    <receiver-org>Alexander Kamil Kasim</receiver-org>
    <value value-date="2016-03-11" currency="EUR">2622</value>
    <transaction-date iso-date="2016-03-11"/>
  </transaction>
```

Figure 1: Hivos IATI 1.01 XML

Scope

Hivos will provide one activity file that is limited to the following Osiris ***project clusters*** also known as strategic partnerships:

- Green and inclusive energy (id: 1006710)
- Sustainable diets 4 all (id: 1006709)
- Open contracting (id: 1006708)
- Women at work (id: 1006707)

And the following project clusters:

- Flow *Women Empowered* (id: 1006719)
- Lead *Mideast Creatives - Youth Entrepreneurship* (id: 1006701)
- RHRN Right here Right now (id: 1007200)

And the following funds:

- Strategic Partnerships fund (documentno: 1000517, id: 1010612)
- Flow fund (documentno: 1000518, id: 1010613)
- Lead fund (documentno: 1000519, id: 1010614)
- RHRN fund (documentno: 1000543, id: 1011100)

Requirements

1. IATI standard version 2.02 or higher.
2. Valid XML <http://validator.iatistandard.org/>
3. Frequency – uploaded on a quarterly basis
4. Preferably English

Organisations with more than one agreement with the ministry may choose to publish all activities in one comprehensive IATI publication

Your IATI activity file should at least contain all the activities which are funded by the Ministry of Foreign Affairs. If the support to these activities is used to implement (underlying) activities, you should also publish these in your data.

Program Funding Use Case

The following 2 paragraphs are taken from the Guidelines directly:

In order to achieve meaningful IATI publications, that provide understandable insights for all your partners and meet the requirements to serve as an official progress report about your activities, the ministry has developed a model to set up an IATI publication based on use cases.

Program Funding

Definition: an organisation is funded to carry out a specific program or series of activities. As a result of this funding, a series of activities are planned. Those activities lead to outflows from the organisation.

We conclude that Hivos falls in the program funding category. The following figure illustrates the situation:

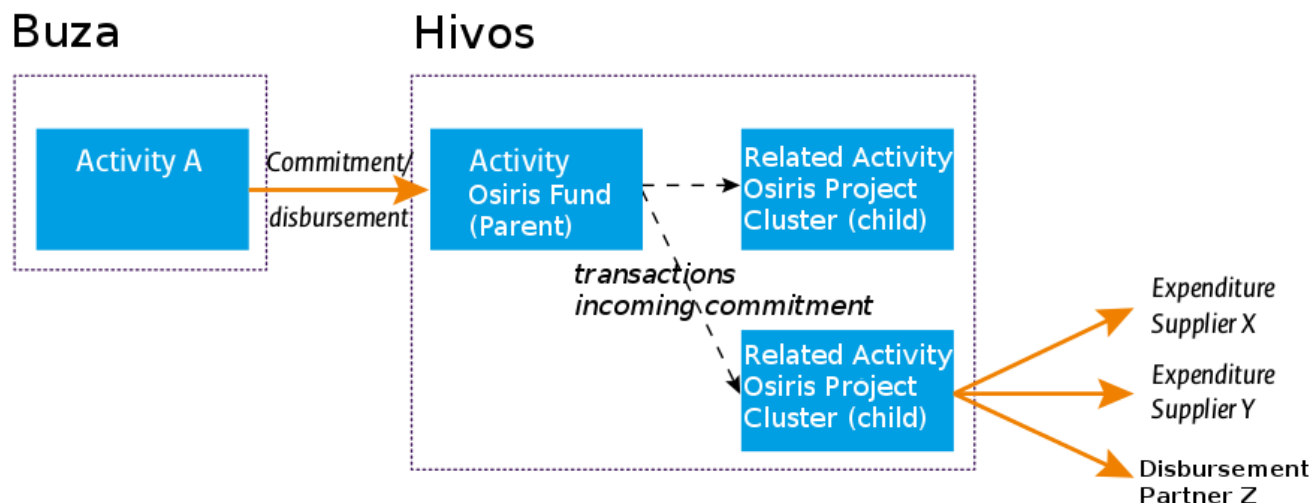


Figure 2: Program Funding Use case for Hivos and Osiris

As a result of this use case, published IATI activities will be based on both funding and project clusters in Osiris.

Osiris contracts

We create a view for the contracts table in Osiris that filters out data that we do not want to have in the IATI publication. Where in the remainder of this document is referred to `afgo_commitment`, `contract` or `commitment` the following view is intended:

```
CREATE OR REPLACE VIEW JASPER.HV_AFGO_COMMITMENT AS
SELECT * FROM AFGO_COMMITMENT
WHERE CONFIDENTIALITYSTATUS = 'P'           -- filter confidential records
AND AFGO_COMMITMENT.MASTERCOMMITMENT_ID IS NULL -- filter extension contracts
AND AFGO_COMMITMENT.DOCSTATUS IN ('CO','CL'); -- filter draft, invalid, void etc.
```

Osiris Business Partners

We create a view for the Business Partners table in Osiris that filters out data that we do not want to have in the IATI publication. Where in the remainder of this document is referred to `C_BPARTNER` or `Business Partner` the following view is intended:

```
CREATE OR REPLACE VIEW JASPER.HV_C_BPARTNER AS
SELECT * FROM C_BPARTNER
WHERE CONFIDENTIALITYSTATUS = 'P';           -- filter confidential records
```

IATI Identifier

It is important that IATI identifiers are used consistently between publications. This means that we must use the same IATI identifiers as used in previous publications and if applicable choose new identifiers that allow for future publications. To do this we choose new identifiers following the structure in the table below.

Priority	<i>ref attribute</i>
0	NL-KVK-41198677-TABLENAME-REFERENCENO (special field for IATI) example: NL-KVK-41198677-AFGO_FUND-1234567
1	NL-KVK-41198677-TABLENAME-DOCUMENTNO example: NL-KVK-41198677-AFGO_COMMITMENT-1234567
2	NL-KVK-41198677-TABLENAME-TABLE_ID example: NL-KVK-41198677-AFGO_PROJECTCLUSTER-1234567

For activities based on contract, commitment IATI element *other-identifier* must be added with the *ref attribute* NL-2-documentno (example: NL-2-1012759)

<http://iatistandard.org/202/activity-standard/iati-activities/iati-activity/other-identifier/>

IATI Activity file

The technical IATI *standard* can be accessed via the following URL, its contents are invaluable for implementing IATI publications:

<http://iatistandard.org/202/activity-standard/summary-table/>

Activities

The parent and child activities are described in this document as being the same. If/when information applies to only the parent or child, (P) or (C) is added for making the distinction.

(4.1.1) iati-activities

XML attribute	value
version	2.02
generated-datetime	SYSDATE

(4.1.2) iati-activities→iati-activity

XML attribute	value
last-updated-datetime	AFGO_FUND.UPDATED (p) AFGO_PROJECTCLUSTER.UPDATED (c)
xml:lang	en

(4.1.3) iati-activities→iati-activity→reporting-org

XML attribute	value
type	21
ref	NL-KVK-41198677
->narrative	HIVOS

type: Hardcoded to 21 International NGO.

Argumentation (type): <http://iatistandard.org/201/codelists/OrganisationType/>

(4.1.3) iati-activities→iati-activity→iati-identifier

XML attribute	value
	NL-KVK-41198677-AFGO_FUND-AFGO_FUND_DOCUMENTNO (p) NL-KVK-41198677-AFGO_PROJECTCLUSTER-AFGO_PROJECTCLUSTER_ID (c)

(4.1.4) iati-activities→iati-activity→title

XML attribute	value
	AFGO_FUND.DESCRPTION (p) AFGO_PROJECTCLUSTER.NAME (c)

(4.1.4) iati-activities→iati-activity→description->narrative

XML attribute	value
	AFGO_FUND.DESCRPTION (p) AFGO_ASSESSMENT (c) AFGO_CRITERIUM_ID = '1002300' AFGO_ASSESMENTLINE.TEXTSCOREB ¹

¹ textscoreb is a VARCHAR field converted from the CLOB field textscore. Only available in the Hivos reporting database.

```
alter table afgo_assessmentline ADD (TEXTSCOREB varchar2(4000));  
UPDATE afgo_assessmentline set TEXTSCOREB = dbms_lob.substr( TEXTSCORE, 2000, 1);
```

(4.1.4) iati-activities→iati-activity→activity-status

XML attribute	value
code	2
	implementation

(4.1.4) iati-activities→iati-activity→activity-date

XML attribute	value
type	1
iso-date	AFGO_FUND.STARTDATE (p) AFGO_PROJECTCLUSTER.STARTDATE (c)

XML attribute	value
type	3
iso-date	AFGO_FUND.ENDDATE (p) AFGO_PROJECTCLUSTER.ENDDATE (c)

type: 1 => Planned start, 3 => Planned end.

Argumentation (type): <http://iatistandard.org/202/codelists/ActivityDateType/>

(4.1.4) iati-activities→iati-activity→contact-info

XML attribute	value
type	1

type: 1 => General Enquiries

Argumentation (type): <http://iatistandard.org/202/codelists/ContactType/>

(4.1.4) iati-activities→iati-activity→contact-info->telephone

XML attribute	value
	0031703765500

(4.1.4) iati-activities→iati-activity→contact-info->email

XML attribute	value
	info@hivos.org

Documentation:

<http://iatistandard.org/202/activity-standard/iati-activities/iati-activity/contact-info/>

Assessment (webform)

Some information needed for the IATI publication is registered via Assessments on the Project Cluster in Osiris. Assessments can be seen as webforms.

IATI all baseline data

This assessment is the same for all projectclusters and can be obtained with the following SQL query:

```
SELECT * FROM AFGO_SCHEDULEITEM
LEFT OUTER JOIN AFGO_ASSESSMENT ON
    AFGO_SCHEDULEITEM.AFGO_SCHEDULEITEM_ID =
    AFGO_ASSESSMENT.AFGO_SCHEDULEITEM_ID
LEFT OUTER JOIN AFGO_ASSESSMENTLINE ON
    AFGO_ASSESSMENTLINE.AFGO_ASSESSMENT_ID =
    AFGO_ASSESSMENT.AFGO_ASSESSMENT_ID
LEFT OUTER JOIN AFGO_CRITERIUM ON
    AFGO_ASSESSMENTLINE.AFGO_CRITERIUM_ID =
    AFGO_CRITERIUM.AFGO_CRITERIUM_ID
LEFT OUTER JOIN AD_REF_LIST ON
    AFGO_ASSESSMENTLINE.LISTSCORE_ID =
    AD_REF_LIST.AD_REF_LIST_ID
WHERE
    --AFGO_ASSESSMENT.AFGO_ASSESSMENT_ID = 1043850
    AFGO_SCHEDULEITEM.AFGO_SCHEDULEITEM_ID = '1088162'
```

Of course the relation with project cluster needs to be added to implement the IATI publication.

IATI result data

tbd assessment for QR indicators every quarter/year?

tbd assessment for attaching documents (like annual narrative) yearly?

Report for staff overview

Osiris will not show results published in the past when completing new assessments, therefore an overview QR report must be implemented in Jasperserver. ETA: Q3 2016.

(4.1.5) iati-activities→iati-activity→participating-org

Following the guidelines there should always be 2 participating organisations for parent activities. One being The Netherlands Ministry of Foreign Affairs and one being Hivos.

The Netherlands Ministry of Foreign Affairs aka Buza

XML attribute	value
ref	XM-DAC-7
role	1
type	10

Documentation:

- <http://iatistandard.org/202/codelists/OrganisationRole/>
- <http://iatistandard.org/202/codelists/OrganisationType/>
- http://www.iatiregistry.org/publisher/about/minbuza_nl

Hivos

XML attribute	value
ref	NL-KVK-41198677
role	2
type	21

Hivos

XML attribute	value
ref	NL-KVK-41198677
role	4
type	21

Documentation:

- http://www.iatiregistry.org/publisher/about/stichting_hivos

*C_BPARTNER 1...**

For child activities Hivos is a participating organisation and one or more participating organisations are added for all Hivos Business Partners that are linked under all contracts in the project cluster.

- Participating organisations will be omitted from IATI when contract/commitment OR Business Partner have been marked as Confidential.

XML attribute	value
role	4
->narrative	C_BPARTNER.NAME

Additional considerations:

- AFGO_PROJECTCLUSTER_ID is now a field on AFGO_COMMITMENT
- C_BPARTNER_ID is a field on AFGO_COMMITMENT
- Check for unique records (SELECT DISTINCT)

(4.1.6) iati-activities→iati-activity→recipient-country

Only for child activities.

XML attribute	value
code	ASSESSMENT (c) AFGO_CRITERIUM.DESCRPTION = 'IATI Country' AFGO_CRITERIUM.NAME
percentage	ASSESSMENT (c) AFGO_CRITERIUM.DESCRPTION = 'IATI Country' AFGO_ASSESSMENTLINE.INTEGERSCORE INTEGERSCORE <> 0

Documentation:

<http://iatistandard.org/202/activity-standard/iati-activities/iati-activity/recipient-country/>

(4.1.6) iati-activities→iati-activity→recipient-region

XML attribute	value
code	998 (p) ASSESSMENT (c) AFGO_CRITERIUM.DESCRPTION = 'IATI Region' AFGO_CRITERIUM.NAME
percentage	100 (p) ASSESSMENT (c) AFGO_CRITERIUM.DESCRPTION = 'IATI Region' AFGO_ASSESSMENTLINE.INTEGERSCORE INTEGERSCORE <> 0

Parent hardcoded to 998 - Developing countries, unspecified for 100%.

Documentation:

<http://iatistandard.org/202/codelists/Region/>

<http://iatistandard.org/202/activity-standard/iati-activities/iati-activity/recipient-region/>

(4.1.7) iati-activities→iati-activity→sector

Only for child activities.

XML attribute	value
vocabulary	1
code	ASSESSMENT (c) AFGO_CRITERIUM.DESCRPTION = 'IATI DAC' AFGO_CRITERIUM.NAME
percentage	xsd:decimal
	AFGO_SCHEDULEITEM ASSESSMENT (c) AFGO_CRITERIUM.DESCRPTION = 'IATI DAC' AFGO_ASSESSMENTLINE.INTEGERSCORE INTEGERSCORE <> 0

vocabulary: 1 => OECD DAC CRS Purpose Codes (5 digit)

Documentation (vocabulary): required by Guidelines

<http://www.oecd.org/dac/stats/dacandcrscodelists.htm>

code: CRS CODE on tab Purpose code Documentation (code):

http://www.oecd.org/dac/stats/documentupload/Codelist_Dec_2015.xls

(4.1.7) iati-activities→iati-activity→policy-marker

Only for child activities.

XML attribute	value
vocabulary	1
code	AFGO_SCHEDULEITEM ASSESSMENT AFGO_CRITERIUM.DESCRPTION = 'IATI policymarker' AFGO_CRITERIUM.NAME
percentage	xsd:decimal
significance	AFGO_SCHEDULEITEM ASSESSMENT AFGO_CRITERIUM.DESCRPTION = 'IATI policymarker' AD_REF_LIST.VALUE AND VALUE <> 0

vocabulary: 1 => OECD DAC vocabulary required by Guidelines

Documentation:

<http://iatistandard.org/202/codelists/PolicyMarkerVocabulary/>

<http://iatistandard.org/202/codelists/PolicyMarker/>

<http://iatistandard.org/202/codelists/PolicySignificance/>

(4.1.7) iati-activities→iati-activity→default-flow-type

Only for child activities.

XML attribute	value
code	30

code: 30 => From the guidelines:

The classification of the resource flow – ODA/OOF/other The funding the ministry provides is classified as ODA, but as soon as partners use these funds, they become a private flow. Options are:

30 – Private NGO and other private sources, as a rule concessional in the form of a grant

35 – Private Market

For traditional development projects this is typically code 30 – Private NGO and other private sources. In cases where funds are provided as loans against commercial rates, or capital is provided code 35 – Private Market can be applied.

Documentation: <http://iatistandard.org/202/codelists/FlowType/>

(4.1.7) iati-activities→iati-activity→default-finance-type

Only for child activities.

XML attribute	value
code	110

code: 110 => From the guidelines: Financing mechanism – grant/loan/capital/export credit etc. For traditional grant-based development activities this is: Code 110 – Aid grant excluding debt reorganisation.

Hardcoded now because at the level of activity, there might be at transactionlevel some other codes applicable but Ministry takes info from activity level.

Documentation: <http://iatistandard.org/202/codelists/FinanceType/>

(4.1.7) iati-activities→iati-activity→default-aid-type

Only for child activities.

XML attribute	value
code	C01

code: C01 => From the guidelines: Type of assistance provided.

For NGOs this is typically:

C01 - Project-type interventions

Hardcoded now because at the level of activity, there might be at transactionlevel some other codes applicable but Ministry takes info from activity level.

Documentation: <http://iatistandard.org/202/codelists/AidType/>

(4.1.7) iati-activities→iati-activity→default-tied-status

Only for child activities.

XML attribute	value
code	5

code: 5 => Untied, hardcoded for now as Hivos does not use the other types.

Documentation (code): <http://iatistandard.org/202/codelists/AidType/>

Budget

Only for parent activities.

The budget reported to IATI is registered in Osiris in the Fund Schedule screen and corresponding AFGO_FUNDSCHEDULE, AFGO_FUNDSCHEDULE_LINE tables.

Requirements:

1. Budgets must be entered by year for each year for the duration of the project. A quarter set to `2016 Standard` equals the year 2016 in Osiris. Registration by year or month is allowed by the guidelines, considering implementation, using budget years is the best option
2. Views are created to filter out invalid AFGO_FUNDSCHEDULE_ID's (1011123, 24, 26, 27, 28, 29,30, 31,38, 39, 40, 41, 42, 43, 45, 46)

The screenshot displays the 'Fund' window in the Osiris system. The top section contains form fields for Tenant (HIVOS), Organisation (HO Projects Funding), Document No (1000517), Reference No (Activity no. 27552), and Description (Strategische Partnerschappen: Dialogue and Dissent/Citizen Agency Consortium). Below these are fields for Document Type, Document Date (14/12/2015), Account Date (14/12/2015), Organisational unit (HO DPP), Fund Provider (Ministry of Foreign Affairs The Netherlands), Price List (EUR), Currency (EUR), Bank Account, Reference Fund, Start Date (01/01/2016), End Date (31/12/2020), and Confidentiality Status (Public).

The 'Status' section shows the Grand Total (50,279,606.00) and Document Status (Completed). It includes buttons for 'Posted' and 'Close Funding', and checkboxes for 'TEC Funding Approved', 'DPP Funding Approved', and 'ODR Funding Approved'.

The bottom section, 'Fund Schedule', contains a table with the following columns: Actions, Tenant, Organisation, Fund, Document No, Date Payment Request, Description, Quarter, Document Status, Grand Total, and Invoiced Amount. The table lists 12 entries for the 'Strategische Partnerschappen: Dialogue' project, showing various dates and amounts.

Actions	Tenant	Organisation	Fund	Document No	Date Payment Request	Description	Quarter	Document Status	Grand Total	Invoiced Amount
<input type="checkbox"/>	HIVOS	HO Projects Funding	1000517	1001168	01/01/2016	Strategische Partnerschappen: Dialogue 2016 Standard	Completed	Completed	6,962,469.00	6,962,469.00
<input type="checkbox"/>	HIVOS	HO Projects Funding	1000517	1001171	01/09/2016	Strategische Partnerschappen: Dialogue 2016 Standard	Completed	Completed	5,975,413.00	0.00
<input type="checkbox"/>	HIVOS	HO Projects Funding	1000517	1001183	01/01/2016	Strategische Partnerschappen: Dialogue 2016 Standard	Completed	Completed	-6,962,469.00	0.00
<input type="checkbox"/>	HIVOS	HO Projects Funding	1000517	1001185	09/01/2016	Strategische Partnerschappen: Dialogue 2016 Standard	Completed	Completed	-5,975,413.00	0.00
<input type="checkbox"/>	HIVOS	HO Projects Funding	1000517	1001192	01/01/2016	Strategische Partnerschappen: Dialogue 2016 Standard	Completed	Completed	10,055,921.00	0.00
<input type="checkbox"/>	HIVOS	HO Projects Funding	1000517	1001169	01/01/2017	Strategische Partnerschappen: Dialogue 2017 Standard	Completed	Completed	5,975,413.00	0.00
<input type="checkbox"/>	HIVOS	HO Projects Funding	1000517	1001172	01/03/2017	Strategische Partnerschappen: Dialogue 2017 Standard	Completed	Completed	4,030,336.00	0.00
<input type="checkbox"/>	HIVOS	HO Projects Funding	1000517	1001184	01/01/2017	Strategische Partnerschappen: Dialogue 2017 Standard	Completed	Completed	-5,975,413.00	0.00
<input type="checkbox"/>	HIVOS	HO Projects Funding	1000517	1001186	01/03/2017	Strategische Partnerschappen: Dialogue 2017 Standard	Completed	Completed	-4,030,336.00	0.00
<input type="checkbox"/>	HIVOS	HO Projects Funding	1000517	1001193	01/09/2016	Strategische Partnerschappen: Dialogue 2017 Standard	Completed	Completed	10,055,921.00	0.00

Fund budget window in Osiris

(4.1.8) iati-activities→iati-activity→budget

Only for parent activities.

XML attribute	value
type	1
→period-start iso-date	AFGO_FUNDSCHEDULE.AFGO_QUARTER_ID round to 1st of January
→period-end iso-date	AFGO_FUNDSCHEDULE.AFGO_QUARTER_ID round to 31st of December

type: 1 => Original.

Documentation (type): <http://iatistandard.org/202/codelists/BudgetType/>

(4.1.8) iati-activities→iati-activity→budget→value

Only for parent activities.

XML attribute	value
currency	AFGO_FUNDSCHEDULE.C_CURRENCY_ID
value-date	= period-start iso-date
	SUM (AFGO_FUNDSCHEDULE.GRANDTOTAL) GROUP BY AFGO_QUARTER_ID WHERE AFGO_FUND_ID_ID...

Transactions

The Guidelines emphasis lays on transactions of the following types:

1. Incoming Funds
2. Commitment
3. Disbursement
4. Expenditure
11. Incoming Commitment

The numbered list corresponds with <http://iatistandard.org/202/codelists/TransactionType/>
Contractline / AFGO_COMMITMENTLINE can be seen as transactions of *type 11 (Incoming Commitment)* in IATI.

The screenshot shows the 'Contract Line' tab in the Osiris system. The breadcrumb trail at the top is 'Contract > Contract Search > Contract > Contract Line'. Below this is a toolbar with various icons for actions like add, delete, refresh, and print. The main form contains several sections:

- Header Fields:** Tenant (HIVOS), Organisation (HO Projects Funding), Contract (1004463), Line No (20), Charge (61000 project-contract commitments), and a Description field.
- Amounts Section:** A single row showing an Amount of 18,000.00.
- Status Section:** A table-like structure with four rows: Planned Amount (0.00), Line Amount (18,000.00), Planned Funding Amount (0.00), and Funding Amount (18,000.00). The Paid Amount is also shown as 18,000.00.
- Funds Management Section:** Fields for Year (2013), Project Cluster (West-Asia Programme), Project (KP CSB West Asia), and Result Area (R&C->4. Knowledge: increased effecti).

Contractline tab in Osiris

The payment made tab in the contract window can be seen as transactions of *type 3 (Disbursement)* or *type 4 Expenditure* in IATI. They can be queried via the HIVO_RV_COMMITMENTALLOCATION view.

4.1.8) iati-activities→iati-activity→transaction (type 1)

Only for parent activities. For each fundschedule:

XML attribute	value
→transaction-type code	1
→transaction-date iso-date	C_INVOICE.DATEINVOICED
→provider-org→ref	XM-DAC-7
→provider-org→provider-activity-id	AFGO_FUND.REFERENCENO

4.1.8) iati-activities→iati-activity→transaction→value

Only for parent activities.

XML attribute	value
currency	AFGO_FUNDSCHEDULE.C_CURRENCY_ID
	AFGO_FUNDSCHEDULE. INVOICEDAMT WHERE AFGO_FUND_ID_ID AND AFGO_FUNDSCHEDULE.DATEINVOICED <= sysdate

type 1 Incoming Funds	Funds recieved for use on the activity, which can be from an external or internal source.
-----------------------	---

Only actually received and registered funds are published, this is done via an inner join with c_invoice.

Documentation (type): <http://iatistandard.org/202/codelists/TransactionType/>

4.1.8) iati-activities→iati-activity→transaction (type 11)

Only for parent activities. For each fundschedule:

XML attribute	value
→transaction-type code	11
→transaction-date iso-date	AFGO_FUNDSCHEDULE.DATEINVOICED
→provider-org→ref	XM-DAC-7
→provider-org→provider-activity-id	AFGO_FUND.REFERENCENO

4.1.8) iati-activities→iati-activity→transaction→value

Only for parent activities.

XML attribute	value
currency	AFGO_FUNDSCHEDULE.C_CURRENCY_ID
	SUM (AFGO_FUNDSCHEDULE. GRANDTOTAL) GROUP BY AFGO_QUARTER_ID WHERE AFGO_FUND_ID_ID...

type 11	Incoming Commitment	A firm, written obligation from a donor or provider to provide a specified amount of funds, under particular terms and conditions, reported by a recipient for this activity.
------------	------------------------	---

Documentation (type): <http://iatistandard.org/202/codelists/TransactionType/>

4.1.8) iati-activities→iati-activity→transaction (type 3 or 4)

Only for child activities. For each payment made:

XML attribute	value
→transaction-type code	3 or 4 (see below)
→transaction-date iso-date	HIVO_RV_COMMITMENTALLOCATION.DATETRX
→receiver-org→narrative	C_BPARTNER.NAME

4.1.8) iati-activities→iati-activity→transaction→value

Only for child activities.

XML attribute	value
currency	HIVO_RV_COMMITMENTALLOCATION.C_CURRENCY_ID
	HIVO_RV_COMMITMENTALLOCATION.PAYAMT AND HIVO_RV_COMMITMENTALLOCATION.DATETRX <= sysdate

Most payment will go to other organisations that are required to report to IATI these have type 3. Payments for goods and services (like web site builders and so on) fall out of the scope of IATI. A hard coded list is provided for organisations that should fall under type 4.

type 3 Disbursement	Outgoing funds that are placed at the disposal of a recipient government or organisation, or funds transferred between two separately reported activities. Under IATI traceability standards the recipient of a disbursement should also be required to report their activities to IATI.
type 4 Expenditure	Outgoing funds that are spent on goods and services for the activity. The recipients of expenditures fall outside of IATI traceability standards.

Documentation (type): <http://iatistandard.org/202/codelists/TransactionType/>

4.1.8) iati-activities→iati-activity→transaction (type 11)

Only for child activities. For each contractline:

XML attribute	value
→transaction-type code	11
→transaction-date iso-date	AFGO_COMMITMENTLINE.UPDATED
→provider-org→ref	NL-KVK-41198677
→provider-org→provider-activity-id	NL-KVK-41198677-AFGO_FUND-AFGO_FUND.REFERENCENO

4.1.8) iati-activities→iati-activity→transaction→value

Only for child activities.

XML attribute	value
currency	AFGO_COMMITMENT.C_CURRENCY_ID
	AFGO_COMMITMENTLINE.LINENETAMT WHERE AFGO_FUND_ID = ... ¹

type 11 Incoming Commitment	A firm, written obligation from a donor or provider to provide a specified amount of funds, under particular terms and conditions, reported by a recipient for this activity.
-----------------------------	---

In case a contract has multiple donors, it is not possible to use grandtotal from the contract in the activity as this would sum the donated amounts of various donors. To avoid this we are using contractlines instead.

¹ afgo_fund can be obtained by joining child table afgo_fundallocation with afgo_commitmentline.

Argumentation (type): from the Guidelines:

Furthermore, the financial relation between parent Activity and child Activities, is represented through an **Incoming Commitment** transaction, with provider organisation Hivos and parent Activity's iati-identifier.

<http://iatistandard.org/202/codelists/TransactionType/>

4.1.9) iati-activities→iati-activity→document-link

A link to an online, publicly accessible web page or document. This implies some IT infrastructure should be in place. The following documents are to be published:

- Annual analysis report on progress of the activity (according to contractual obligation)

XML attribute	value
url	
format	application/octet-stream http://iatistandard.org/202/codelists/FileFormat/
→ title narrative	Review of project performance and evaluation http://iatistandard.org/202/codelists/DocumentCategory/
→ category code	A07 http://iatistandard.org/202/codelists/DocumentCategory/
→ language code	en
→ document-date	ASSESSMENT

Planning: The document link will be implemented in Q4 2016.

4.1.10) iati-activities→iati-activity→related-activity

Only for child activities.

Reference from Osiris Project Cluster to Osiris Fund as described in **figure 2** and the **Program Funding Use Case** chapter.

XML attribute	value
ref	NL-KVK-41198677-AFGO_FUND-AFGO_FUND.REFERENCENO
type	1

type: 1 => parent

Argumentation (type): from the Guidelines:

*Another separately reported IATI activity that is related to this one. If you report activities at different levels (see the Use cases Program funding and Partnerships), this element **MUST** be used to report the relationship between the program and the project activities.*

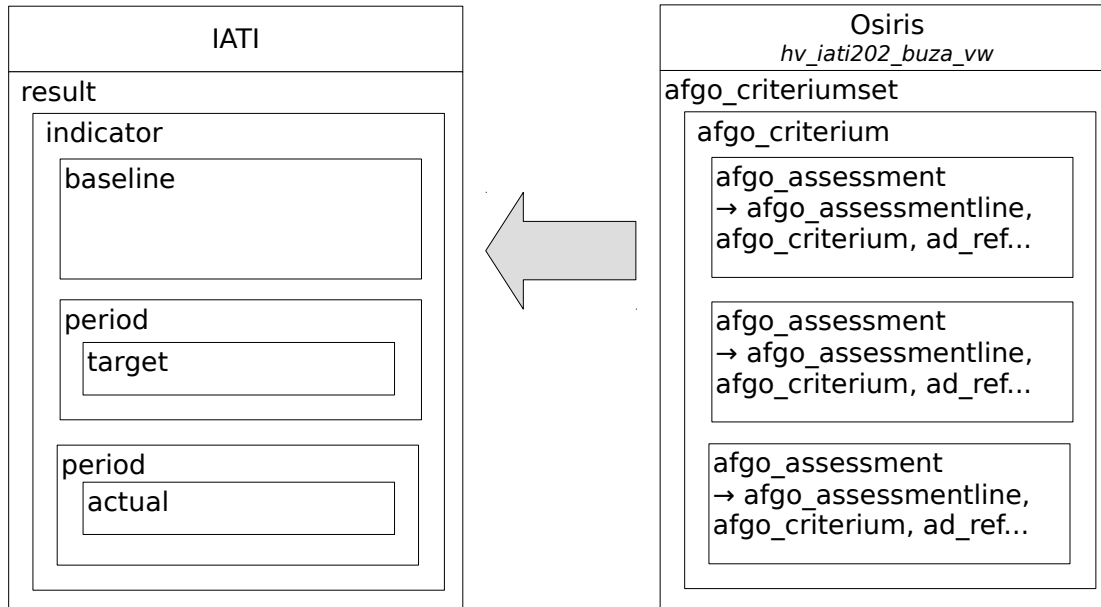
The ministry chooses to only use the 'parent' relation, pointing from the child to the parent.

Documentation (type): <http://iatistandard.org/202/codelists/RelatedActivityType/>

Result

Only for child activities.

IATI results allow reporting of outputs, outcomes, impacts and other results that stem directly from the activity. Implemented via an assessment form on project cluster.



4.1.11) iati-activities→iati-activity→result

XML attribute	value
type	afgo_criteriumset.description
aggregation-status	0
→ title narrative	afgo_criteriumset.help
→ description narrative	afgo_criteriumset.documentnote

4.1.11) iati-activities→iati-activity→result->indicator

measure	ad_reference.description 'Float Number' then '1', '10 Digit numeric' then '2'
ascending	1
→ title narrative	afgo_criterium.help
→ description narrative	afgo_criterium.documentnote
	<i>select distinct ... where result.afgo_criteriumset_id = indicator.afgo_criteriumset_id</i>

4.1.11) iati..iati-activity→result->indicator->baseline

year	afgo_scheduleitem.datedoc
value	afgo_assessmentline.numericscore afgo_assessmentline.integerscore
→ comment narrative	afgo_assessmentline.longdescriptionb ¹
	<i>select ... where result.afgo_criteriumset_id = indicator.afgo_criteriumset_id and baseline.afgo_criterium_id = indicator.afgo_criterium_id and afgo_scheduleitem_name = 'IATI all baseline data'</i>

<http://iatistandard.org/202/codelists/ResultType/>

<http://iatistandard.org/202/activity-standard/iati-activities/iati-activity/result/>

¹ longdescriptionb is a VARCHAR field converted from the CLOB field longdescription. Only available in the Hivos reporting database.

```
ALTER TABLE afgo_assessmentline ADD (LONGDESCRIPTIONB varchar2(4000));  
UPDATE afgo_assessmentline SET LONGDESCRIPTIONB = dbms_lob.substr( LONGDESCRIPTION, 2000, 1);
```

4.1.11) iati..iati-activity→result→indicator→period (target)

period-start iso-date	afgo_scheduleitem.datedoc
period-end iso-date	AFGO_PROJECTCLUSTER.ENDDATE (from child)
→ target value	afgo_assessmentline.numericsscore afgo_assessmentline.integerscore
→ target → comment narrative	afgo_assessmentline.longdescriptionb ¹
	<i>select ... where result.afgo_criteriumset_id = indicator.afgo_criteriumset_id and baseline.afgo_criterium_id = indicator.afgo_criterium_id and afgo_scheduleitem_name = 'IATI results target data'</i>

<http://iatistandard.org/202/codelists/ResultType/>

<http://iatistandard.org/202/activity-standard/iati-activities/iati-activity/result/>

4.1.11) iati..iati-activity→result→indicator→period (actual)

period-start iso-date	AFGO_PROJECTCLUSTER.STARTDATE (from child)
period-end iso-date	afgo_scheduleitem.datedoc (YEAR round up to 31/12)
→ actual value	afgo_assessmentline.numericsscore afgo_assessmentline.integerscore
→ actual → comment narrative	afgo_assessmentline.longdescriptionb ¹
	<i>select ... where result.afgo_criteriumset_id = indicator.afgo_criteriumset_id and baseline.afgo_criterium_id = indicator.afgo_criterium_id and afgo_scheduleitem_name = 'IATI results actual data'</i>

<http://iatistandard.org/202/codelists/ResultType/>

<http://iatistandard.org/202/activity-standard/iati-activities/iati-activity/result/>

¹ longdescriptionb is a VARCHAR field converted from the CLOB field longdescription. Only available in the Hivos reporting database.

```
ALTER TABLE afgo_assessmentline ADD (LONGDESCRIPTIONB varchar2(4000));  
UPDATE afgo_assessmentline SET LONGDESCRIPTIONB = dbms_lob.substr( LONGDESCRIPTION, 2000, 1);
```