

Open Contracting Data Standard

What is OCDS and how can it support improving outcomes in public contracting?

OCDS: the basics

OPEN
CONTRACTING
DATA
STANDARD

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**OPEN
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STANDARD**

16/01/2020

16th January
2020

16/01/20

01/16/2020

January 16th
2020

2020-01-16

OCDS components

JSON Schema

+

Documentation

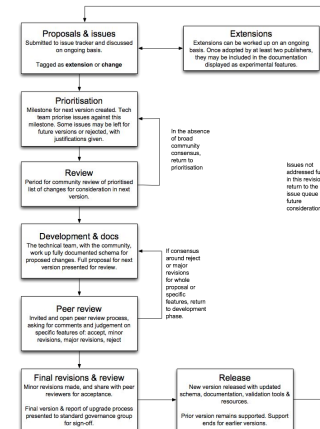
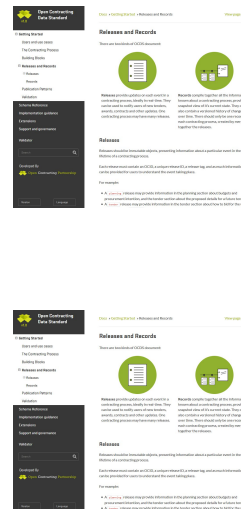
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Governance

```
▼ status: {
  title: "Award status",
  description: "The current status of the award drawn from the [awardStatus codelist] (http://standard.open-contracting.org/latest/en/schema/codlists/#award-status)",
  type: [
    "string",
    "null"
  ],
  enum: [
    "pending",
    "active",
    "cancelled",
    "unsuccessful",
    null
  ],
}
```

Technical schema docs

Implementation guidance





Getting Started

Schema Reference

Implementation guidance

Extensions

Support and governance

Validator



Developed By



Open Contracting Partnership

Open Contracting Data Standard: Documentation

Governments around the world spend an estimated US\$9.5 trillion through contracts every year. Yet, contracting information is often unavailable for public scrutiny.

The Open Contracting Data Standard (OCDS) enables disclosure of data and documents at all stages of the contracting process by defining a common data model. It was created to support organizations to increase contracting transparency, and allow deeper analysis of contracting data by a wide range of users.

The OCDS approach:

- Publish early, and iterate: improving disclosure step-by-step
- Simple and extensible JSON structure
- Publish data for each step of the contracting process
- Create summary records for an overall contracting process
- Re-usable objects: organizations, tender information, line-items, amounts, milestones, documents etc.
- Recommended data and documents at basic, intermediate & advanced levels

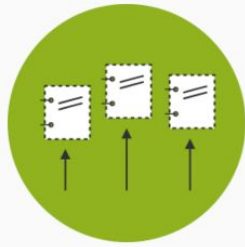
standard.open-contracting.org

The contracting process

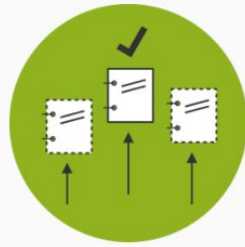
OCDS is about describing contracting processes:



Planning



Tender



Award



Contract



Implementation

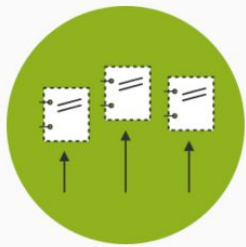
Definition:

All the planning, tendering information, awards, contracts and contract implementation information related to a single initiation process.

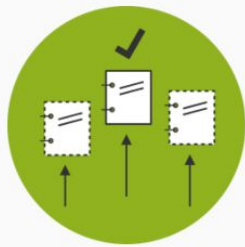
The Open Contracting Identifier



Planning



Tender



Award



Contract



Implementation

Single contracting process identifier

Open Contracting ID (OCID)

OCDS: the standard

What is OCDS data?

```
▼ awards: [  
  ▼ {  
    id: "ocds-213czf-000-00001-  
award-01",  
    title: "Award of contract to  
build new cycle lanes in the  
centre of town.",  
    description: "AnyCorp Ltd has  
been awarded the contract to  
build new cycle lanes in the  
centre of town.",  
    status: "pending",  
    date: "2010-05-10T09:30:00Z",  
    ▼ value: {  
      amount: 11000000,  
      currency: "GBP"  
    },  
  },  
],
```

```
✓ ▼ status: {  
  title: "Award status",  
  description: "The current  
status of the award drawn  
from the [awardStatus  
codelist]  
(http://standard.open-  
contracting.org/latest  
/en/schema/codestlists  
/#award-status),  
  ✓ type: [  
    "string",  
    "null"  
  ],  
  ✓ enum: [  
    "pending",  
    "active",  
    "cancelled",  
    "unsuccessful",  
    null  
  ],  
},
```

The only thing that can be truly called ‘**OCDS data**’ is a **JSON document** that **validates** against the **official OCDS schema**.

Why publish data using OCDS?



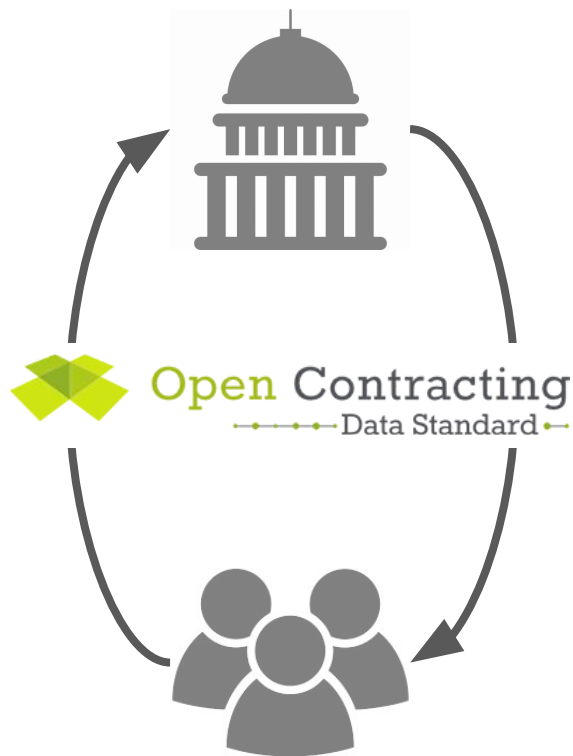
OCDS: problems and solutions

What problems was OCDS developed to address?



- Often very limited data on contracting
- Contracting data published but only about one stage
- Difficult to join up data from different stages of the contracting process
- Published data is hard to interpret
- Mismatch between the data governments publish and the data users need

How does OCDS address those problems?



OCDS connects supply and demand by:

- Providing a ready made data model based on user needs
- Supporting implementations that contain 'feedback loops' between publishers and users

What are the uses of OCDS data?

OCDS was designed around four distinct use cases:



Value for money



Detecting fraud
and corruption



Competing for
contracts



Monitoring
service delivery

What are the uses of OCDS data?

Each use case has **different data needs**:

- Different fields
- Different documents
- Different publication frequencies
- Different data quantities

OCDS provides a **common framework** to maximise the number of user needs that can be met with data and document disclosure.

OCDS: the bigger picture

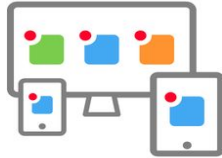
OCDS data is important...

‘OCDS inside’



- Joined up data across the whole contracting process
- Data supports many use cases
- The meaning of each field is clear

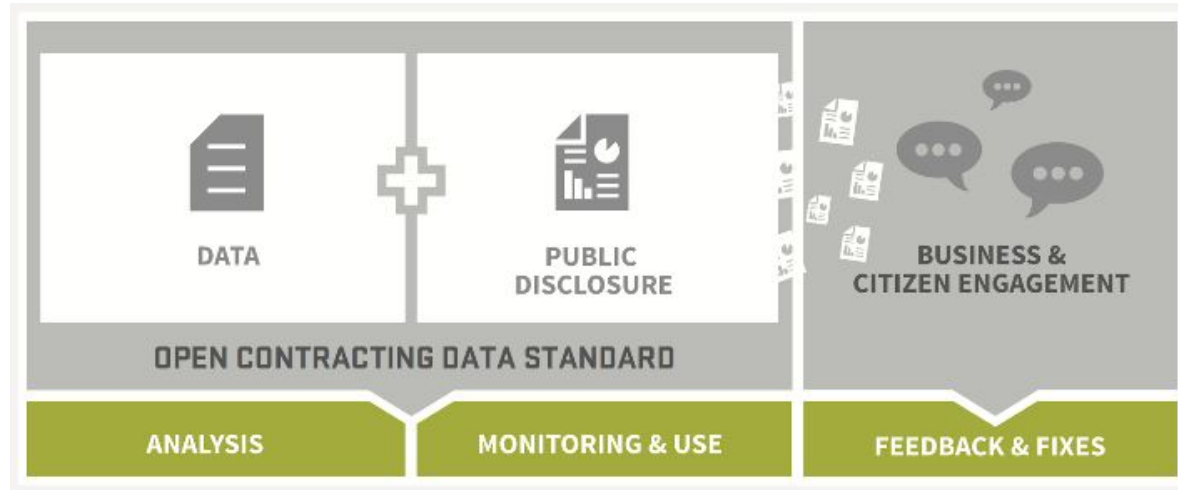
...but it's just the foundation



OCDS is 'inside', on the 'outside' we need:

- Interfaces
- Tools
- Services
- Engagement with users

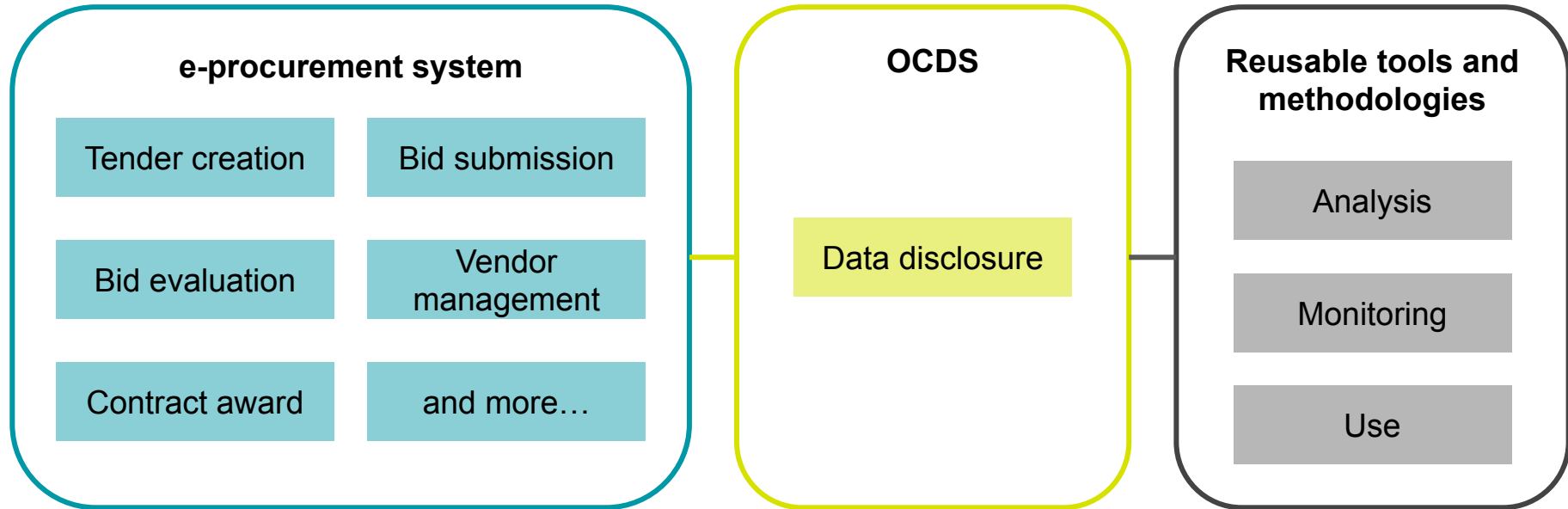
Open Contracting and OCDS



OCDS provides a mechanism to disclose contracting data and documents to support **analysis, monitoring and engagement** around public contracting.

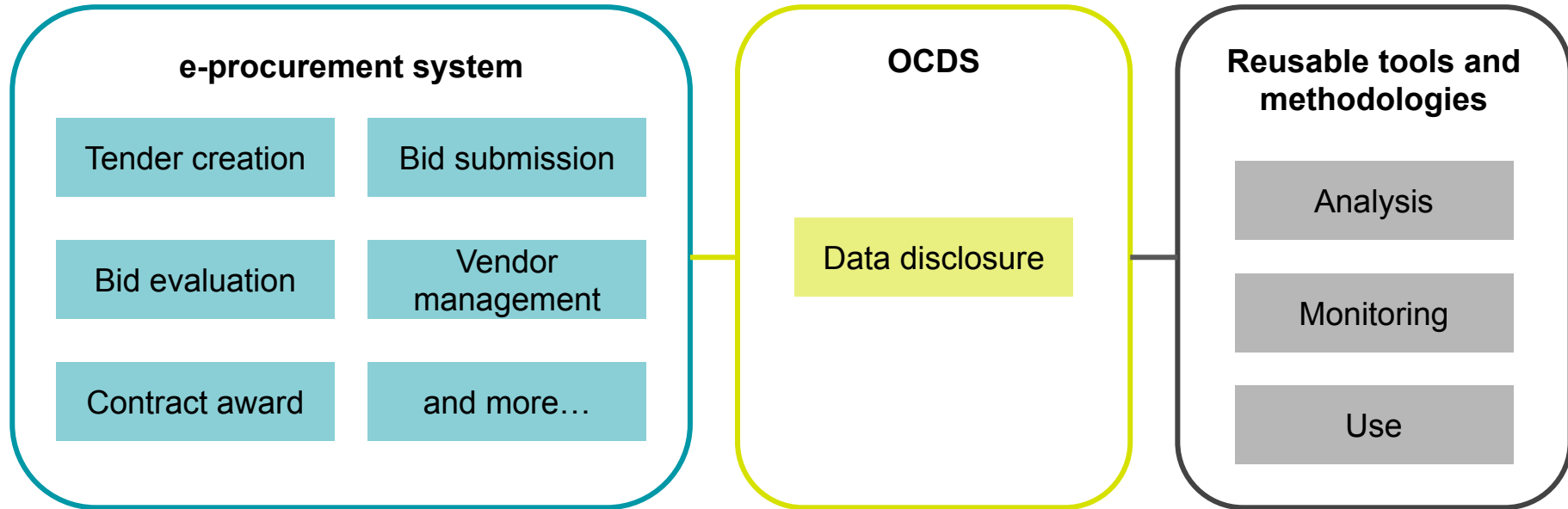
OCDS and e-procurement

OCDS and e-procurement



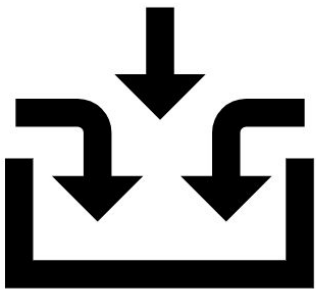
OCDS is not an e-procurement system, it's a standard for the disclosure of data...

OCDS and e-procurement



...however, **mapping against OCDS** can help make sure that systems are collecting all the data required for disclosure.

OCDS and e-procurement

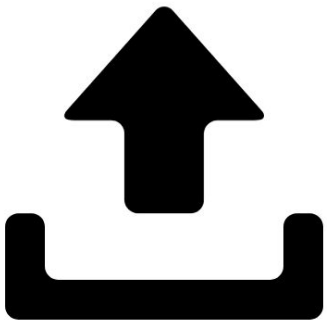


OCDS can be used to:

- Identify the data that it is important to collect
- Structure data for publication

But, OCDS does not:

- Describe how *interfaces* for data entry should be designed
- Describe how to store data in an e-procurement system



OCDS: What is it?

is OCDS...

...a guide on how to build a data entry form, or front-end visualization for contracting data?

Data Entry

The screenshot shows a web interface for entering contract data. At the top left, there is a tab labeled "Contracts". Below this, the form is organized into several sections:

- STATUS:** A dropdown menu with "pending" selected.
- AMENDMENT:** A section with a header and a large empty text area.
- CHANGES:** A section with a header and a large empty text area containing a small green plus sign (+).
- RATIONALE:** A dropdown menu with "string" selected.

The right side of the form is obscured by a dark grey rectangular area.

No. Data input and visualization should be designed around **user needs**.

OCDS provides guidance on what data to **publish** but not how that data should be **collected**.

is OCDS...

...a framework for building an e-procurement system?

The screenshot shows a web application interface for an e-procurement system. At the top, there is a search bar with a dropdown menu set to 'Select' and a 'Search' button. A callout box with a blue arrow points to the search button, containing the text 'Select the Advanced Search button'. The main content area is titled 'Homepage dashboard' and features a 'List of Tasks' table. The table has columns for 'CFT Title', 'Resource ID', and 'Task'. Below the table, it indicates 'Displaying all 4 matches' and 'Page 1 of 1'. There are also sections for 'Correspondence' and 'Inbox' with a table of messages.

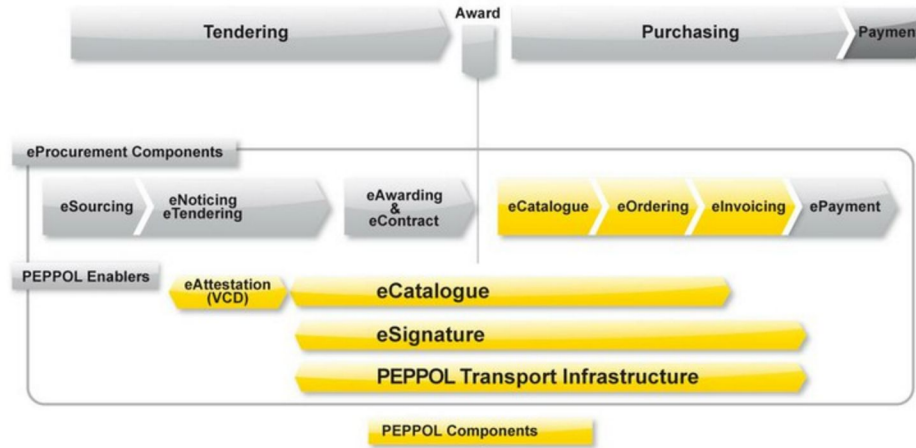
CFT Title	Resource ID	Task
CFT Machinery	47816	Reply to contract award
testing bidder report - w/ Lots	47031	Reply to contract award
2nd Version - feb 13 - Open - Incr/Rel	42719	Reply to contract award
cft-simplified-no-lots-online-1	12381	Reply to contract award

Select	Subject	From	Date
<input type="radio"/>	eTendersNI Automated Notification - Request for clarifications to time limit	System	25/05/2015 17:43:39
<input type="radio"/>	eTendersNI CFT Automated Notification - [CFT: 62655] Tender has been uploaded	sup1 sup1	25/05/2015 17:42:14
<input type="radio"/>	eTendersNI CFT Automated Notification - [CFT: 62655] Tender Removal	sup1 sup1	25/05/2015 17:42:01

No. But mapping against OCDS can ensure e-procurement systems are capturing all the relevant data for disclosure.

is OCDS...

...for managing the full 'purchase to pay' journey?



Example: The PEPPOL Standard (www.peppol.eu) is developing a suite of standards for the purchase to pay workflow.

No. There are other standards available for management of this process.

However, when governments implement fully digital purchase to pay workflows, they can generate data that should be published through OCDS.

is OCDS...

...a global database of all contracting information?

The screenshot shows the GlobalTenders.com website. At the top, it says "GlobalTenders.com - A premium source of international business opportunities since 2002". Below this is a navigation bar with links for Home, View All Tenders, Categories, Search, TPOs/COC, Value Added Services, Free Tenders, Contact, Publish Tenders, and Sign-Up. The main content area features a sidebar with "REGION-WISE TENDERS" and "COUNTRY-WISE TENDERS" lists. The main text reads: "Global Tenders - World's most comprehensive and latest tender information...". It states that the site has one of the largest databases of international and national tenders and provides up-to-date business intelligence. A search result box shows "550358 Record Matches Your Request Showing 1 - 10 Records" with details for a tender notice in India.

GlobalTenders.com - A premium source of international business opportunities since 2002

GlobalTenders

Home / View All Tenders / Categories / Search / TPOs/COC / Value Added Services / Free Tenders / Contact / Publish Tenders / **Sign-Up**

A Premier Opportunity Platform. Gateway to a wide range of new business o Monday, June 06 2016 | 7:38:19 AM | 318

REGION-WISE TENDERS

- African Tenders
- American Tenders
- Asian Tenders
- Australian & Oceania
- Caribbean Tenders
- CIS Tenders
- European Tenders
- Middle East Tenders
- SAARC Tenders
- South American Tenders
- More Region-wise Tenders...

COUNTRY-WISE TENDERS

- All Country Index Tenders
- Argentina Tenders
- Australia Tenders
- Austria Tenders
- Bahrain Tenders
- Belgium Tenders
- Brazil Tenders

Global Tenders - World's most comprehensive and latest tender information...

Global Tenders has one of the largest database of international and national tenders / competitive bids, procurement news, project information from all over the world.

Up-to-date business intelligence is vital for companies wishing to maintain a competitive edge over their competitors. Daily, more than 9000 tender notices, procurement news, projects and business opportunities are uploaded on this website.

Subscribe to view Tender Notices from any country.

Latest Tenders / Tender Notices / Projects / Procurement News -

550358 Record Matches Your Request Showing 1 - 10 Records

Tender Notice Type:	Tender Notice	Country :	India
Tender Category:	Machinery and Equipments(M&E)		
Registration:	Citizen codes 3 only no contractor size of emp 33 not no 64		

No. Publication is distributed. But third-parties can choose to aggregate together data from different publishers.

is OCDS...

...a 'badge' that publishers can get to certify they are doing open contracting?



No. When OCDS data is published, we can measure certain aspects of open contracting - but not all. Certification standards are very different in their design and operation from data standards.

is OCDS...

...a policy *and* technology standard for disclosure?



Yes. The standard describes both **what** should be published and **how** it should be published.

However, disclosure via OCDS is only one part of broader open contracting policy agenda: **adopting OCDS should be linked to wider change.**