



Infield Systems ProjectFlow Database

Definitions and Descriptions

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ProjectFlow Definitions

A new discovery is entered on the Infield system when it is classified as having an economically recoverable reserve of hydrocarbons when looking at the P50 figure of proven plus probable reserves (the estimated recoverable reserves that are calculated to have a 50% chance of being recovered). This is the “Infield Threshold”.

Fields are added at a very early stage of their development process. Where no development scheme has been announced then the field is included, but flagged as not having a development scheme. These are very still very important fields that have to be considered during the forecasting process as they may be developed during the time frame of the forecast.

The complete Fields data set identifies shallow and Deepwater fields globally, those which are currently producing and those that are being planned or considered for development from the current year onwards.

Projects will only show in Infield ProjectFlow once the first contract has been awarded or is under bidding.

Project

This gives the name of the field as well as alternate or previous names where applicable. Note infield uses Romanised alphabet, but not English translations of foreign names i.e Snohvit not Snow White

Please note that a possible problem in finding fields by field name could be caused by using an English name or local equivalent. Searching using a name identifying a prospect or geographical area rather than the field name itself can help here.

Operator

This is the “group” operator name such as “Shell” or “BP”.

Contractor

The name of the contractor working on the field. Bidders on the field can also be searched for.

Please note where a contract is bidding in consortium/partnership with another contractor then the format (Contractor1; Contractor2) will be used.

Project at bidding Stage

Used to identify contract which are in the tender/bidding stage.

Date / Year On-Stream

Date of first production. For future fields this can alter frequently as plans are changed.

Dates are in the European convention of DDMMYYYY and **not** MMDDYYYY as used in the USA.

Please note that for calendar dates “01” means that the actual day or month is not known, so 01/01/2000 is not the 1st of January 2000, but sometime in the year 2000.

Water Depth (M)

The average water depth over the field in metres.

Location

For fields in the Gulf of Mexico and the North Sea this is the block number. Elsewhere this is the longitude and latitude down to the nearest minute. The data is presented as a single text string.

Please note the semicolon (;) at the end of the longitude and latitude numbers is there to prevent an automatic conversion of the numbers into a date when data is exported to MS Excel.

Status

Each record on the Offshore Energy Database is given a project status. Please note that in practice the status of a project might not be so clear cut as set out in a database. For example a field project might be firm plan, but the type of platform to be used is still under discussion and could be probable or even possible.

Producing: Field is on-stream producing oil, gas or condensate.

Under Development: Platform or subsea completions are being constructed and pipelines being laid.

Firm Plan: Development plan (PDO) submitted to relevant authority.

Probable: Development planning stage at company level.

Possible: Very early stage of field evaluation.

Deferred / Cancelled: Cancelled project.

Abandoned: Production completed, facilities removed.

Suspended: Production facilities in place, but production is shut-in at present.

Never Produced: Small find never developed.

Licence Surrendered: Abandoned fields, all facilities removed licence returned to licensing authority

Development Type

- **Extended Reach Drilling**
- **Extended Reach Drilling and Platform**
Successful testing made lead to need for a small satellite platform
- **Extended Reach Drilling and /or Subsea**
Testing may lead to need for a further well.
- **Fixed & Floating Production**
- **Fixed & Floating Production and Subsea**
Where there is a requirement for fixed wellheads, FPSO and subsea completions at differing stages of its development e.g.: Captain field in North Sea
- **Fixed Platform or Subsea (Alternative)**
Indicates there is also an alternative plan currently under consideration
- **Fixed Production Platforms Only**
- **Fixed Production Platform And Subsea**
- **Floating Production**
Includes TLPs and spars and assumes subsea component with FPSOs and semi-sub based systems
- **Floating Production or Subsea (Alternative)**
Indicates there is also an alternative plan currently under consideration
- **Subsea Satellite To Fixed Production**
- **Subsea Satellite To Floating Production**

- **Subsea Satellite To Onshore Facility**
- **No Development Scheme Announced Yet**
- **No Longer On Stream**

Last Update Date

This is the date the record was last updated or changed. Please note that if a record is reviewed and is not changed then the Last Update Date is not changed, therefore this is not the date the record was last reviewed.

Date Stamp

This is the date the record was exported from the editor's system and published.

Field ID

Unique number assigned to each record ranging from 100,001 to 199,999.

PDO Approval

Date at which the Government (or regulatory authority) approves the operators Plan for Development & Operation (PDO).

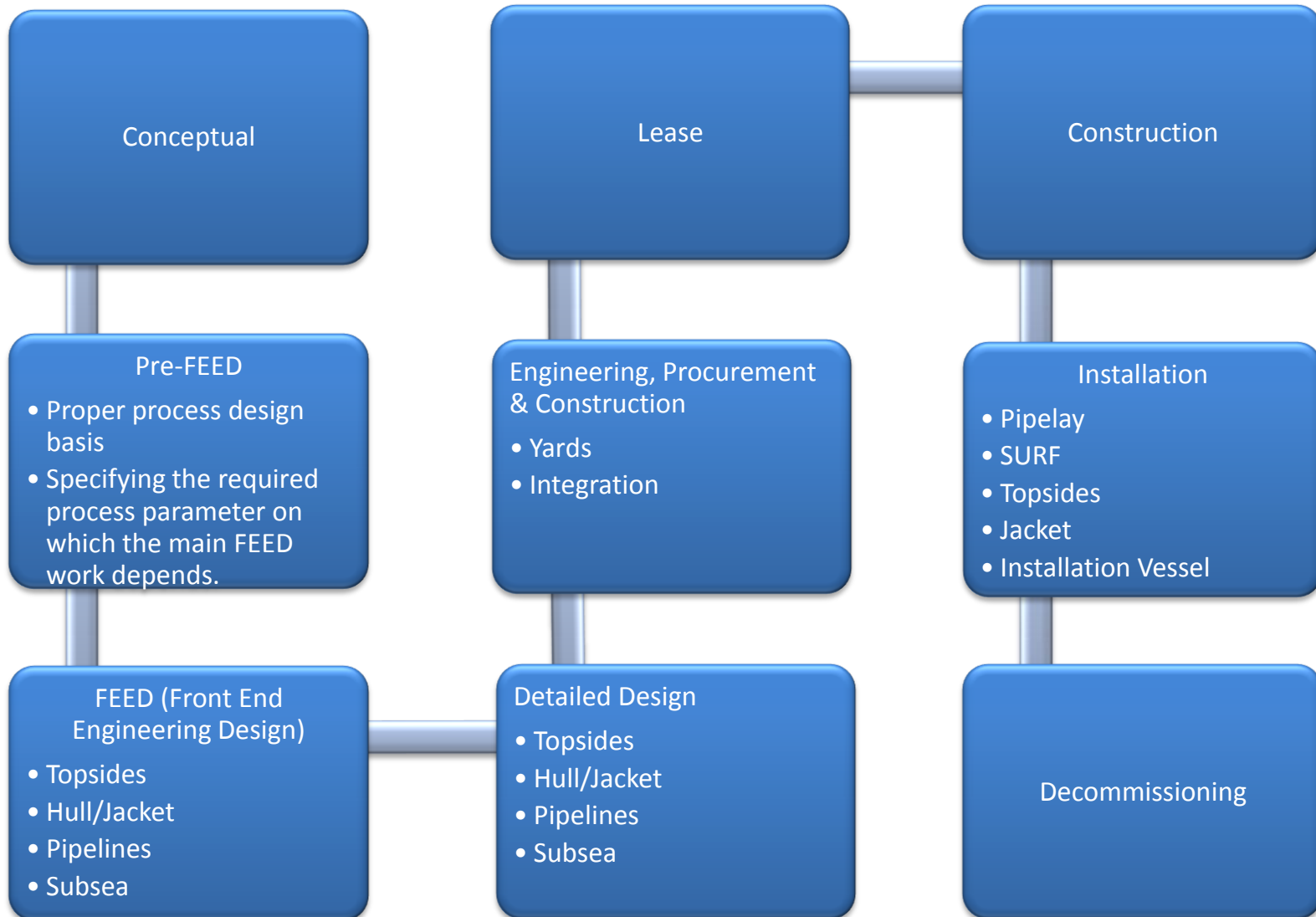
FID Date

The date at which the operator & partners of a project decided to commit funds to go ahead with a project through to first oil/gas.

Cost

Where known the cost of a contract is added in US\$.

Stages of ProjectFlow



Contract Work Types

The contract type indicates which stage a project is at in its development.

Conceptual	The operator is deciding upon how the project will look e.g. platform vs. floating production. This is often performed in house by the operator.
Pre-FEED	The operator is decided on how the development will look (or has shortlisted a couple of concepts). The Pre-FEED entails further engineering work. This work may also be done in house by the operator.
FEED	The operator has decided upon which concept will be used to develop the project. The FEED for different project part are usually tender separately (on larger projects).
Detailed Design	In ProjectFlow Detailed Design is listed if the Detailed Design for a part is contracted (or subcontracted) as part of an EPC contract.
Engineering & Construction	This is where a contractor has been awarded an EPC (Engineering Procurement & Construction) contract. Where the contract yard is know this will also be added.
Procurement & Construction	This is where a contractor has been awarded contractor has been awarded a Procurement & Construction contract, the detailed design for the part being undertaken by another party. Where the contract yard is know this will also be added.
Project Management	A contract for the Project Management for the project or a specific part of the project.
Installation	A contract for the installation of a specific part. Where know the contractor vessel to be used will be added and liked to Infields' Vessel contract db.
Lease	Contract for the lease of a facility. This is usually for a FPSO or FSO.
Operation & Maintenance	Contract for the running of and maintenance of facilities.
Decommissioning	Contract relating to the decommissioning of a project.

Contract Infrastructure Type

These are the components & part which are needed to complete a project.

Accommodation	Accommodation Modules
Flexibles	Flexibles Pipelines (Subsea)
Floater	Floating facilities (FPSO, TLP, FSO)
Flowlines	Pipelines carrying wellstream on seafloor.
Helideck	Helideck component
Hull	The hull of FPSO, TLP, Spar, FSO etc
Integration	The mating of hull/jacket with topsides.
Jacket	The substructure of a platform (includes compliant tower, GBS & metal jackets)
Mooring	Parts including the topsides mooring system as well as subsea mooring connectors.
Pipelines	Subsea pipelines (maybe some overlap with flowlines)
Project	Used when contract is awarded for the development of the project as whole .
Risers	Pipelines running from the seafloor to surfaces facilities.
Subsea	Used when contract is awarded for the development of the subsea part of the project.
Subsea Boosting	Subsea Pumping systems.

Subsea Compression	Subsea Compression systems.
Subsea Injection	Subsea Injection systems
Subsea Separation	Subsea Separation systems
Subsea Units	Subsea Manifolds, Templates & PLEMS
SURF	Subsea Umbilicals, Risers & Flowlines. Used when the SURF contract is awarded as one contract.
Topsides	The topsides deck and major topsides units.
Trees	The Xmas tress on the project. Note: If the trees are wet then the will be listed under the Subsea Parent Part in Xls export. If the trees are dry they will be listed under the Project Parent Part in the xls export.
Turret	The turret which is part of a FPSO facility.
Umbilicals	Subsea control lines.

Project Notes

Project notes are there to help the user understand the often complex contracting history of a project.

There will be information in the comments that will not be directly related to any contract on the project. This maybe information such as regulatory issues, equity sales and other issues that will affect the project development or operation.

Please note that sometimes than the contract awarded to a contractor may not match any of the Contract Work or Infrastructure type. In these cases the contract will be listed in the ProjectFlow fields nearest to the award, and there will be notes on the project to expand.