

RNB REPORTING

MASKINPORTEN GUIDE

Norwegian Offshore Directorate

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1. Introduction

This guide is intended for operators who will be delivering data to the Norwegian Offshore Directorate (Sodir) in connection with yearly RNB reporting.

First, an overview is provided of how users and systems must be authenticated to use the new services / solutions.

This is followed by a step-by-step procedure for setting up Maskinporten for both the production environment (PROD) and the test environment (TT02).

Authentication in the production environment is essential for the reporting itself.

Authentication in the test environment is necessary to ensure quality during the development and testing of new solutions (mainly applicable to a selected few operators), and it also represents a «sandbox» for training and testing the solution with appropriate test data (applicable to all operators).

2. Authentication

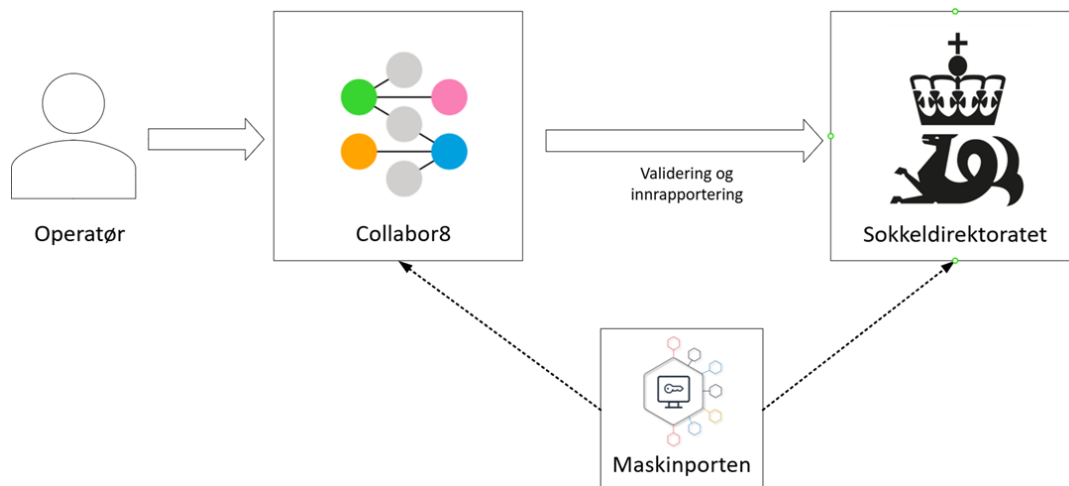
General Description

The RNB process consists of several systems that are integrated with each other. For operators or third parties to be able to use SoDir's services, they must be authenticated and authorised either through system-to-system communication or as an end user.

From 2026 operators will report via Collabor8, as described in more detail in separate guides on the Offshore Norway and Norwegian Offshore Directorate websites.

Collabor8 is further integrated with the Norwegian Offshore Directorate's solutions / services.

Simplified system diagram.



These services require authentication via Maskinporten. The procedure for setting up and using this is described in more detail below.

The process consists of the following systems:

1. Collabor8 / RNB

Platform and application delivered by Offshore Norway that helps the operator to design, structure and submit data in the correct format.

2. Norwegian Offshore Directorate services

SoDir provides services to support the RNB reporting process:

- Service for initiating / starting the reporting
- Validation service that checks that the scope follows defined rules
- Service for submitting scope that has been approved in validation
- Validation service that checks that the data follows defined rules prior to submission
- Service for submitting data / report that has been approved in validation

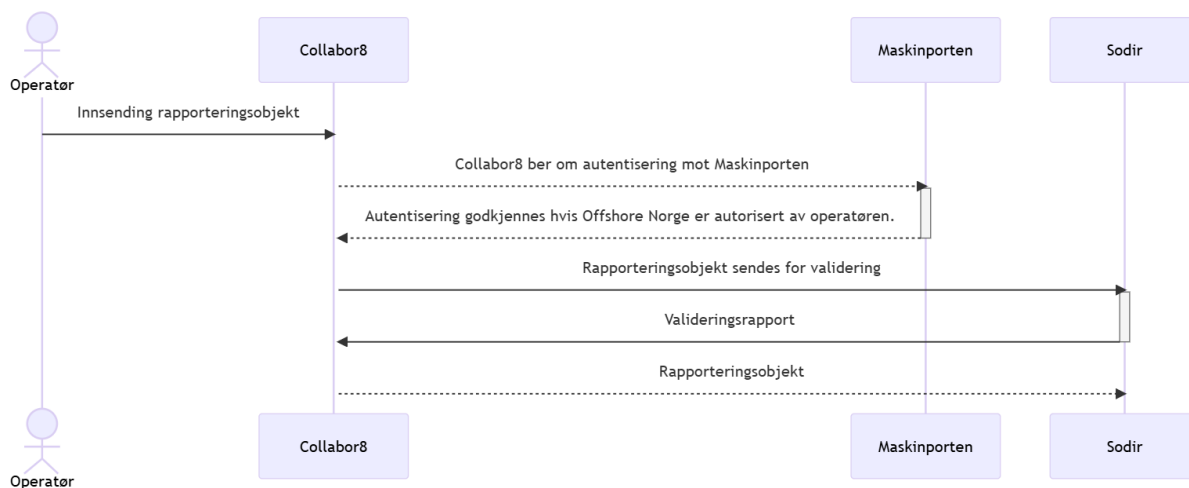
3. Maskinporten

For Collabor8 to be able to communicate with the Norwegian Offshore Directorate's systems, the services must be authenticated and authorised. This is handled via Maskinporten from the Norwegian Digitalisation Agency (DigDir). Maskinporten ensures that only authorised organisations can authenticate themselves and submit data between Collabor8 and SoDir's services.

Illustration below from [Dette er Maskinporten | Samarbeidsportalen](#)



Sequence diagram for validation service:



Access Management and Authentication

For access management to Collabor8, please contact Offshore Norway's service desk.

For Collabor8 to be able to communicate with SoDir's systems, each individual operator must complete certain steps to establish the necessary access. The main steps are described below.

Step-by-step guide for Maskinporten

DigDir's **Collaboration Portal** is the starting point for setting up access through Maskinporten. A prerequisite for using this is that the operator is registered with DigDir and the terms of use have been signed.

The setup follows [Konsument - delegert til leverandør | Samarbeidsportalen](#).

	Activity	Responsible
1	Operator enters into agreement with the Norwegian Offshore Directorate This is indirectly already in place through the requirements for RNB reporting.	Operator
2	Norwegian Offshore Directorate grants access to services The Norwegian Offshore Directorate grants access to services for operators who must be pre-registered in Altinn.	SoDir
3	Operator logs in to Altinn og delegates access to supplier The section "Self-service as API consumer" provides step-by-step instructions to be carried out by the operator. In this step, the operator delegates permission to Offshore Norway to handle data for RNB reporting with the Norwegian Offshore Directorate. <i>The CEO or main administrator of the company's Altinn services must log in to Altinn and complete this.</i>	Operator
4	Supplier (in this case Offshore Norway) registers with DigDir The section Leverandør Samarbeidsportalen provides step-by-step instructions that must be carried out by the supplier. The supplier uses their own client to request a token on behalf of the operator (consumer_org). As a result of the operator in Altinn having authorised and delegated responsibility to Offshore Norway for reporting, the Collabor8 system will be able to authenticate itself machine-to-machine against the Norwegian Offshore Directorate's services.	Offshore Norway

Support and Contact Points

- User support for Maskinporten:
 - Email: servicedesk@digdir.no
 - Phone: [22 45 10 00](tel:22451000)
 - [DigDir support website](#)
- Agency contact for reporting:
 - Technical support: support@sodir.no
- Technical documentation:
 - [Overall architecture description](#)
 - [Server-to-server API-authorisation](#)

Appendices and Links

- General:
 - [Maskinporten | Samarbeidsportalen](#)
 - [Dette er Maskinporten | Samarbeidsportalen](#)
- About Maskinporten:
 - [Konsument | Samarbeidsportalen](#)
 - [Konsument - delegert til leverandør | Samarbeidsportalen](#)

3. Production Environment

This is a more detailed guide for using Maskinporten in the production environment. It is based on DigDir's own guide.

Link to DigDir:

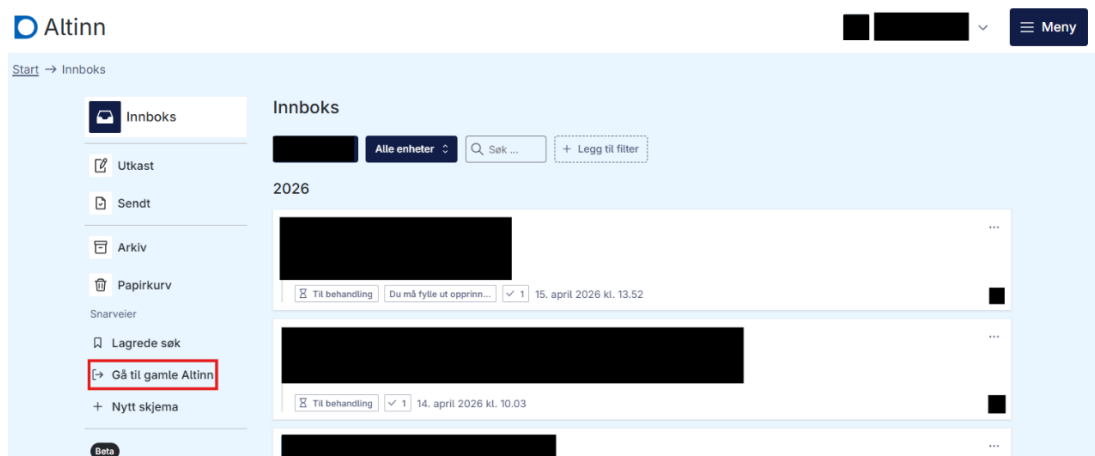
- [Delegating rights to another organisation \(e.g. supplier\)](#)

If another organisation is to be used to make the query against Maskinporten, the right can be further delegated via Altinn. (NB! This only applies to services that use Altinn as the delegation source. Check with the API provider whether they offer this).

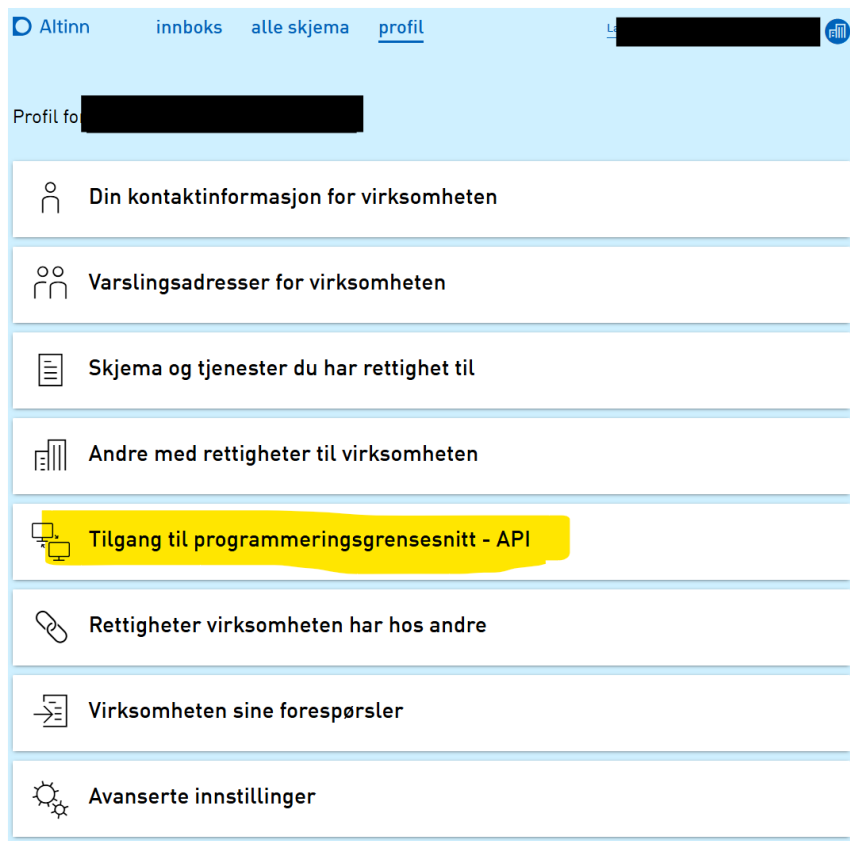
The same procedure also applies when delegating a right from a sub-unit to the main unit.

The main steps in the process are as follows:

1. **Logg in to Altinn.no**
2. **Choose to represent the organisation**
3. **Click «Go to old Altinn»**

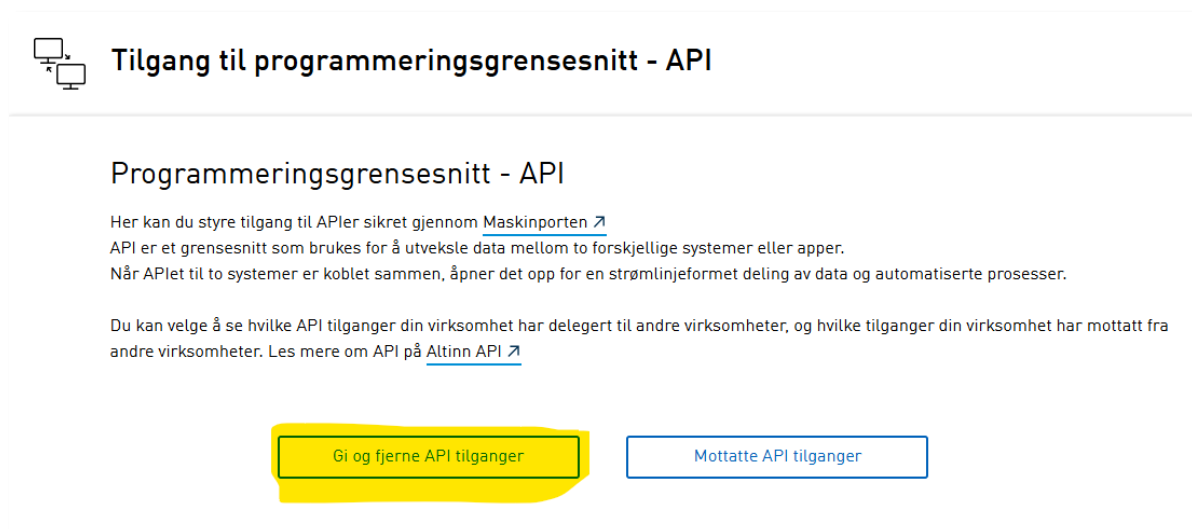


4. **Click “Profile”**
5. **Click “Access to Programming Interface - API”**



If this option is not visible, it is most likely due to insufficient user rights. If necessary, contact the DigDir service desk.

A. Click “Grant and remove access”

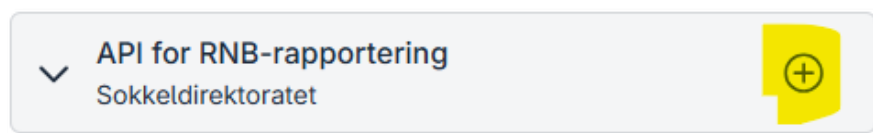


B. Click “Delegate new API”



C. Search for the right you want to delegate

- Search for “RNB” or filter by agency “Norwegian Offshore Directorate”
- Select “API for RNB reporting” by clicking +



D. Click “Next”

 Gi tilgang til nytt API

Velg hvilke API du vil gi tilgang til ved å klikke på pluss-tegnet. Du kan også søke etter API eller tilbyder.



Filtrer på etat 

Delegerbare API:
0 treff

Valgte API:

 API for RNB-rapportering
Sokkeldirektoratet 

E. Select organisation number for the business

Enter the organisation number of the organisation you want to delegate access to and select from the list:

- Only numbers are allowed in the search field
- The organisation number for a third party can be looked up at [Home page - The Brønnøysund Register Centre](#)

 Gi tilgang til nytt API

Velg hvilke brukere som skal få tilgang ved å klikke pluss-tegnet. Du kan også legge til ny virksomhet ved å benytte søkefeltet.



Virksomheter basert på ditt søk:


Org.nr. 910624687 

Forrige

Neste

- Select the organisation by clicking +

Use the following organisation number for Offshore Norway as supplier:

BRANSJEFORENINGEN OFFSHORE NORGE
Org.nr. 956685818

Velg hvilke brukere som skal få tilgang ved å klikke pluss-tegnet. Du kan også legge til ny virksomhet ved å benytte søkefeltet.

Virksomheter basert på ditt søk:

Virksomheter som skal få rettighet:

Org.nr. 910624687

Forrige

Neste

F. Click “Next”

G. Verify and click “Confirm”

 Gi tilgang til nytt API

Du ønsker å gi rettigheter til følgende API:

 API for RNB-rapportering

Sokkeldirektoratet

API-tilgangene blir gitt til:



Org.nr. 910624687

Tilgangene vil bli gitt og er gyldige til de aktivt slettes eller trekkes tilbake.

Forrige

Bekreft

H. Done

Versjon 2.0

22. April 2026

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4. Test Environment (TT02)

A Maskinporten setup is also required to perform authentication for the **Test Environment** i Collabor8 and SoDir.

A prerequisite for registration in the test environment is that the operator has previously been registered in Maskinporten for the Production Environment and that this has been verified by Offshore Norway.

Step 1 – Register in Altinn's Test Environment

The operator must contact **Altinn service desk** to register with the DigDir Test environment (TT02):

- servicedesk@altinn.no

Disregard this if you already have this in place.

Feedback from the service desk should look similar as shown below:

Da er XXXXXXX AS (org.nr 123456789) lest inn i TT02, med daglig leder ARTEMUS ORIGO f.nr
nnnnnnnn

For innlogging i testmiljøet, gå til <https://info.tt02.altinn.no/>
Logg inn med å velge TestID på nivå høyt, eller BankID.

For TestID på høyt nivå:

- Skriv inn personnummer nnnnnnnn som Person-identifikator → Autentiser.

For BankID:

- Tast inn fødselsnummer nnnnnnnn
- Engangskode: xxxx
- BankID-passord: xxxxxxxx

Step 2 – SoDir Shares Test Scope for RNB

The Norwegian Offshore Directorate will then grant the operator access to the SoDir TEST SCOPE for RNB.

This step is carried out by SoDir as soon as we find the operator registered in Altinn TEST (TT02).

Step 3 – Delegate to Offshore Norway

The operator must then delegate this TEST SCOPE to Offshore Norway.

The procedure is the same as the step-by-step process for the Production Environment, but now the Test Environment (TT02) should be selected instead of the Production Environment.

Follow the instructions provided by the Altinn service desk, ref. Step 1:

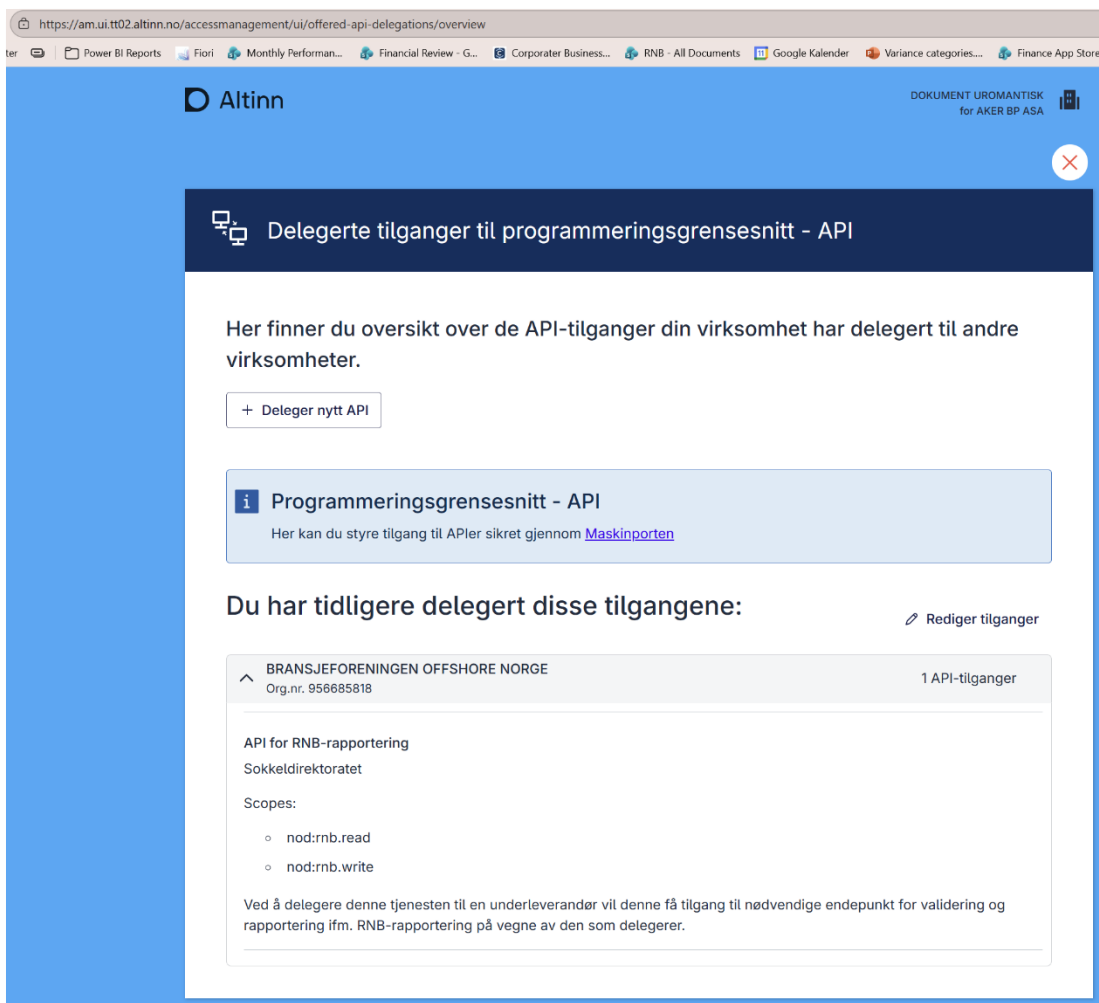
- Login: <https://info.tt02.altinn.no/>
- Logg in with Test ID or BankID
- Represent the company
- Click «Go to old Altinn»
- Follow the guide provided above to grant API access

Use the following organisation number for Offshore Norway as supplier when delegating:

BRANSJEFORENINGEN OFFSHORE NORGE
Org.nr. 956685818

Error messages may occur when delegating the API; advice from Altinn is to clear cookies.

The result after delegation should be as shown below, with Offshore Norway shown as having delegated access.



https://am.ui.tt02.altinn.no/accessmanagement/ui/offered-api-delegations/overview

Altinn

DOKUMENT UROMANTISK
for AKER BP ASA

Delegerte tilganger til programmeringsgrensesnitt - API

Her finner du oversikt over de API-tilganger din virksomhet har delegert til andre virksomheter.

+ Deleger nytt API

i Programmeringsgrensesnitt - API
Her kan du styre tilgang til APIer sikret gjennom [Maskinporten](#)

Du har tidligere delegert disse tilgangene: [Rediger tilganger](#)

BRANSJEFORENINGEN OFFSHORE NORGE Org.nr. 956685818	1 API-tilganger
API for RNB-rapportering Sokkeldirektoratet	
Scopes:	
◦ nod:rnb.read ◦ nod:rnb.write	
Ved å delegere denne tjenesten til en underleverandør vil denne få tilgang til nødvendige endepunkt for validering og rapportering ifm. RNB-rapportering på vegne av den som delegerer.	