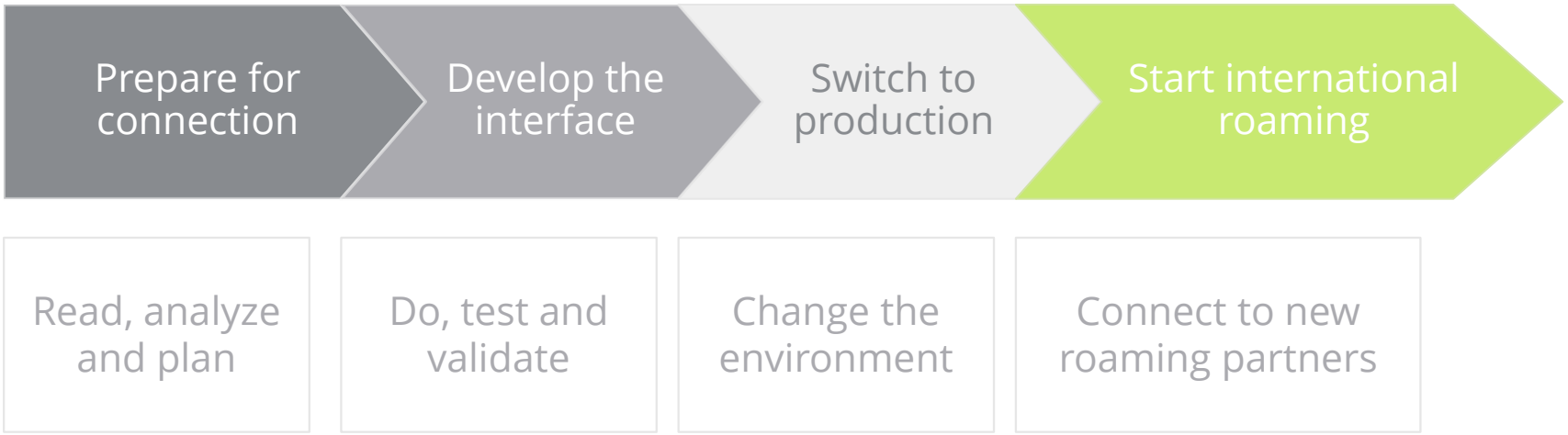
How to connect to e-clearing.net

Overview implementation guideline

Connection Process

For establishing a roaming connection via the e-clearing.net platform the following four steps have to be taken. They are further described in the following slides.



Connection Process (1)

I. Preparation
   1) The **interested party** requests connection details from **e-clearing.net**
   2) The **interested party** analyses own technical and contractual compatibility (*)

II. Development
   1) The **interested party** expresses further interest and signs testing contract with **e-clearing.net**
   2) The **interested party** supplies contact information on the Partner Record form to **e-clearing.net**
   3) Staff of **e-clearing.net** sets up dedicated testing environment
   4) Staff of **e-clearing.net** provides technical information about the testing environment to the **interested party**
   5) The **interested party** develops and tests roaming connection against testing environment (*)
   6) Staff of **e-clearing.net** tests connection for verification

Connection Process (2)

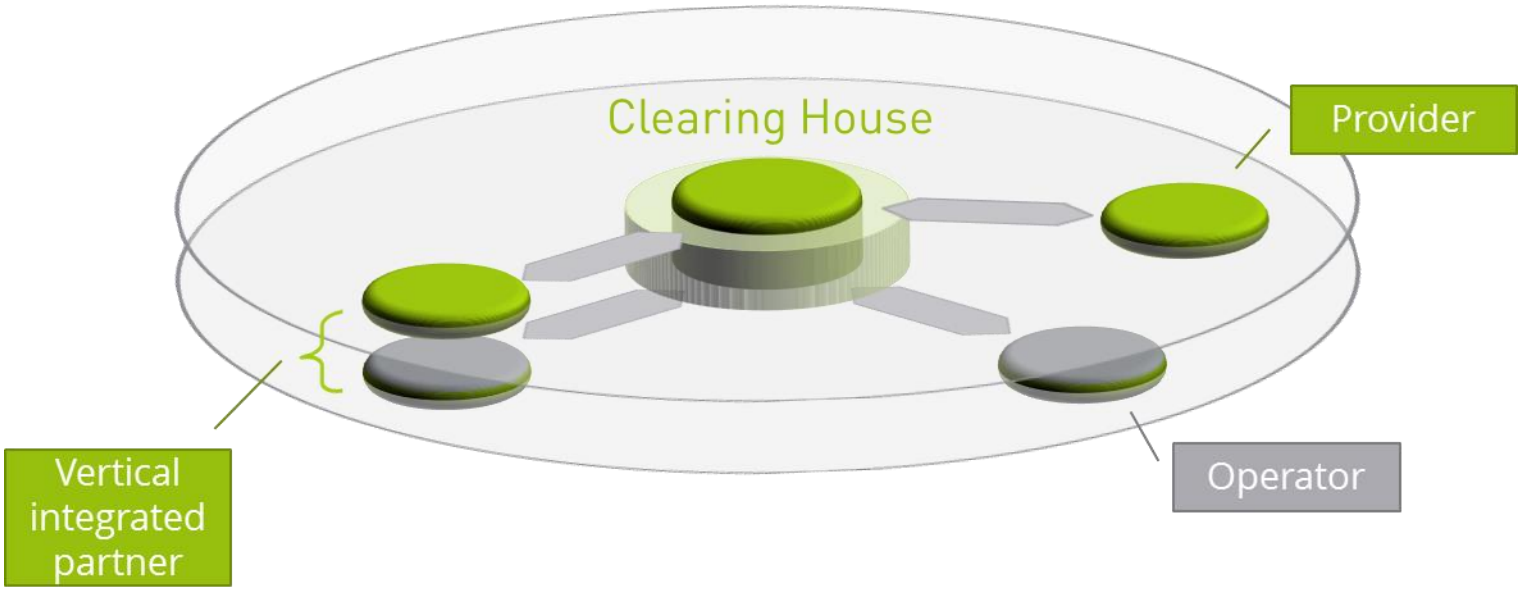
IV. Switch to production
   1) The **interested party** signs platform contract with **e-clearing.net**
   2) Staff of **e-clearing.net** sets up access to the productive environment
   3) Connection established

V. International Roaming
   1) The **interested party** signs bilateral roaming contracts with dedicated roaming partners

(*) For those steps further support from e-clearing.net can be requested.

Roaming Partner Market Roles

The Clearing House connects the three market roles *EVSE Operator*, *EV Service Provider* and *Navigation Service Provider*. The following information is focusing on each role. As exemplary illustrated on base of two of these, one roaming partner can take more than just one role.



Details for companies that are operating charging stations.

INFORMATION FOR EVSE OPERATORS

Poles, Stations, Points: POI Data

- Important basics:
  - Every charge point has to have a unique EVSE-ID
  - The static POI data is uploaded on a regular basis (~ once per day)
  - OCHP supports many connector types, opening hours, provider logos, status information and much more.

- Live status data
  - Is a optional addition for static data.
  - Should be sent with every status change.

Sending charge data and getting paid

- Charge Data Mechanism
  - For every charging process a CDR is generated
  - Upload all new CDRs once a day
  - e-clearing.net provides a validation process for the provider
  - Invoice your providers on base of the CDRs

Further Information

For support on your next steps towards a successful operational connection and roaming contracts the following documents are supplied:

- **FAQ – Frequently Asked Questions** (all experts)
- **Contract Templates** (legal experts)
- **OCHP Specification** (system architects and developers)
- **OCHP WSDL File** (software developers)