



conexus
B A L T I C G R I D

**Capacity booking
and balancing.**

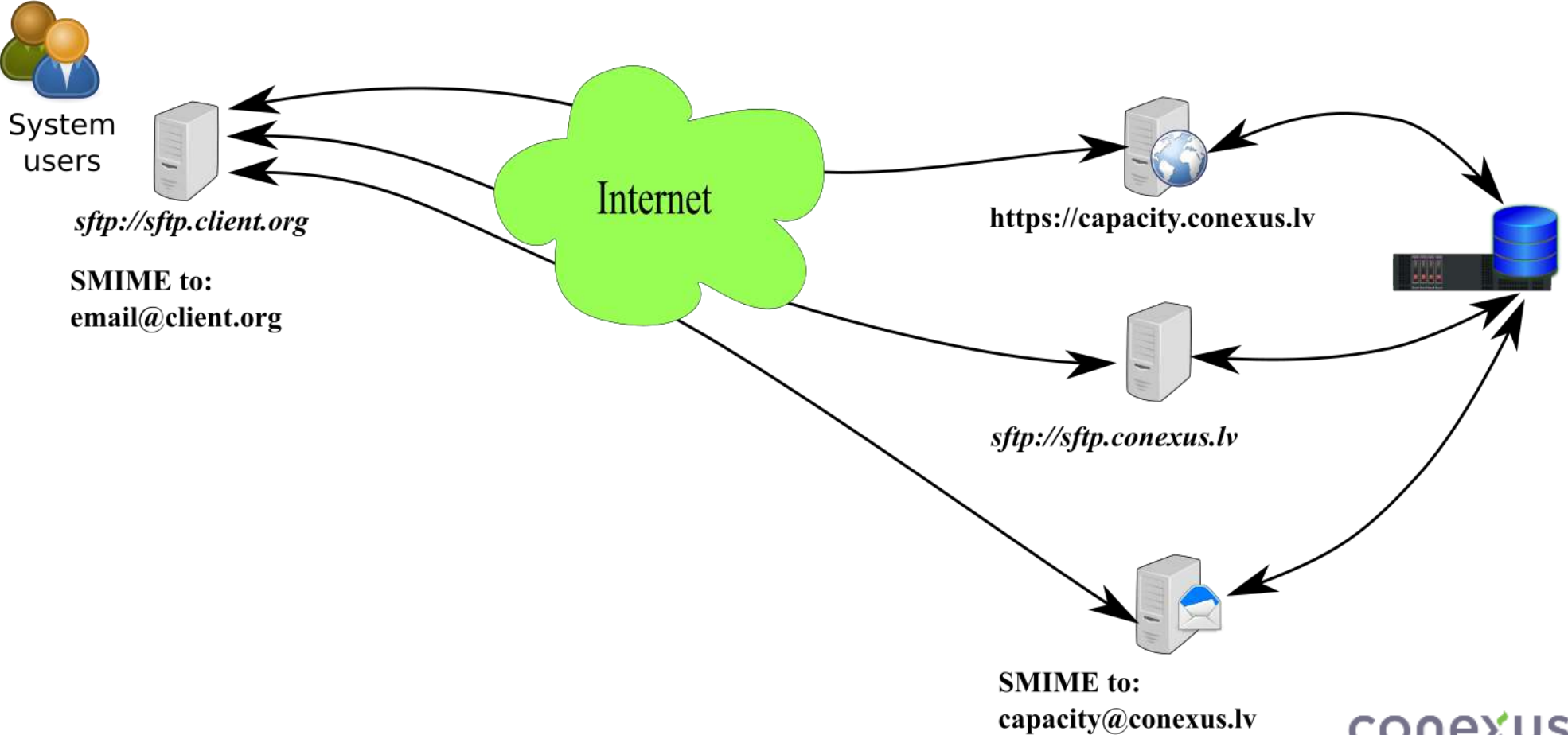
Communication processes

PRESENTATION TOPICS

Used standards and communication channels:

- For capacity booking;
- For nomination/re-nomination;
- For balancing account situation;
- For billing information.

COMMUNICATION CHANELLS



MESSAGE FORMATS

EDIG@S standard and adapted messages

- Standard XML schemas for message creation and validation;
- In case of custom messages - schemas will be/are published;
- Any third party system could be used for message creating/receiving/editing;
- Can be edited by hand or using a tool provided by Conexus

MESSAGE FORMAT EXAMPLE

EDIG@S ACKNOW MESSAGE EXAMPLE

```
<?xml version="1.0" encoding="UTF-8"?>
<Acknowledgement_Document xmlns="urn:easeegas.eu:edigas:general:acknowledge"
  <identification>CONF57E9E86A71811E6ADC3DE3786672D4D</identification>
  <type>294</type>
  <creationDateTime>2016-11-10T07:40:32Z</creationDateTime>
  <issuer_MarketParticipant.identification codingScheme="305">CONEXUS_EIC</issuer_MarketParticipant.identification>
  <issuer_MarketParticipant.marketRole.code>ZSO</issuer_MarketParticipant.marketRole.code>
  <recipient_MarketParticipant.identification codingScheme="305">RECIPIEN</recipient_MarketParticipant.identification>
  <recipient_MarketParticipant.marketRole.code>ZSH</recipient_MarketParticipant.marketRole.code>
  <receiving_Document.identification>ID</receiving_Document.identification>
  <receiving_Document.version>1</receiving_Document.version>
  <receiving_Document.type>96G</receiving_Document.type>
  <receiving_Document.creationDateTime>2016-10-01T10:00:00Z</receiving_Document.creationDateTime>
  <Reason>
    <code>02G</code>
    <text>Message accepted for processing</text>
  </Reason>
</Acknowledgement_Document>
```

MESSAGE CREATION TOOL

TOOL FOR TESTING PURPOSES (SCREENSHOT)

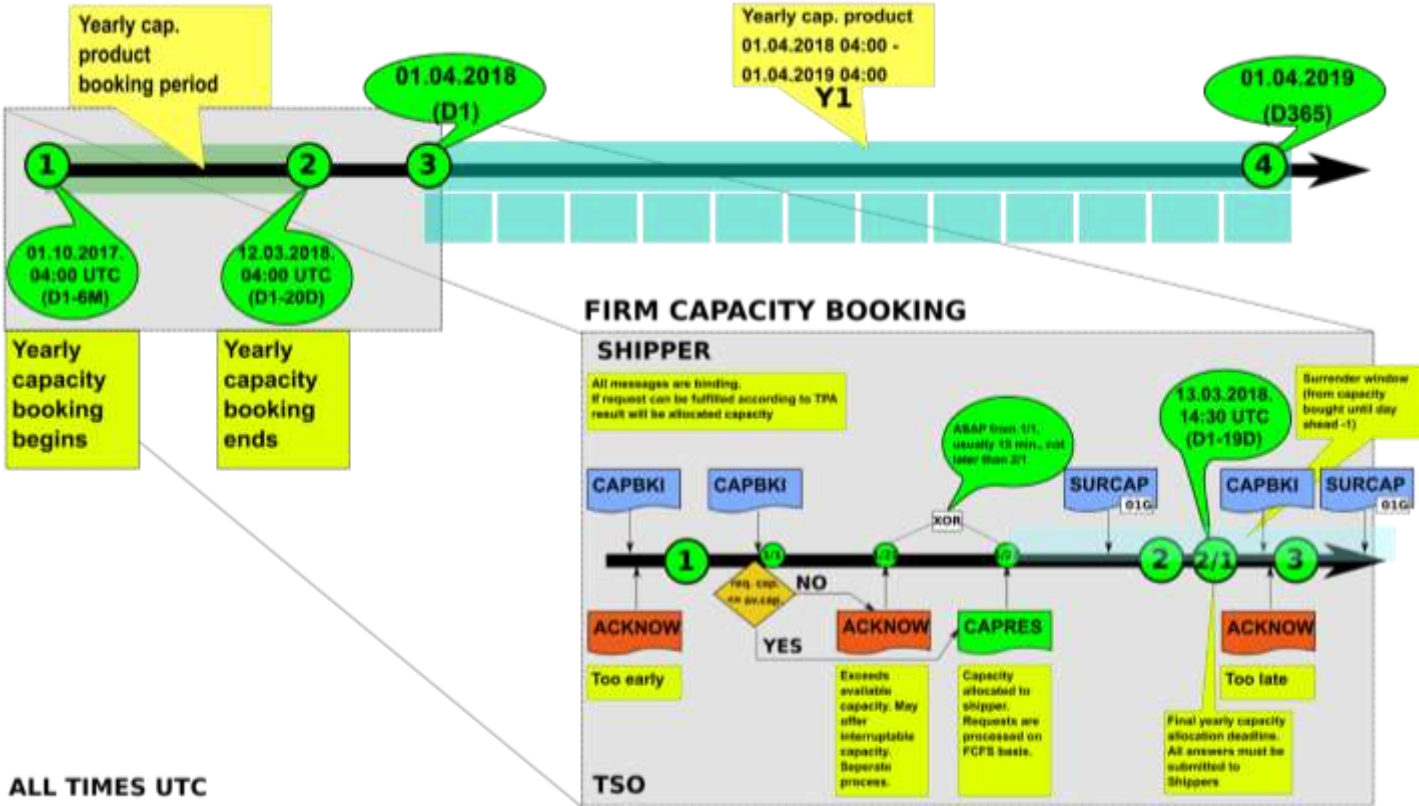
The screenshot shows the EDIG@S Helper v0.9 application window. The left sidebar displays a file tree with various XML files. The main area shows a 'Capacity Booking' form with the following details:

- Identification: CAPBK1
- Version: 1
- Bookings table:

ConnectionPoint	Direction	Type	Span	From	To	Units	Amount
Kiemenai	Entry	Firm	Daily	10.04.2017	11.04.2017	kWh/h	100

CAPACITY BOOKING

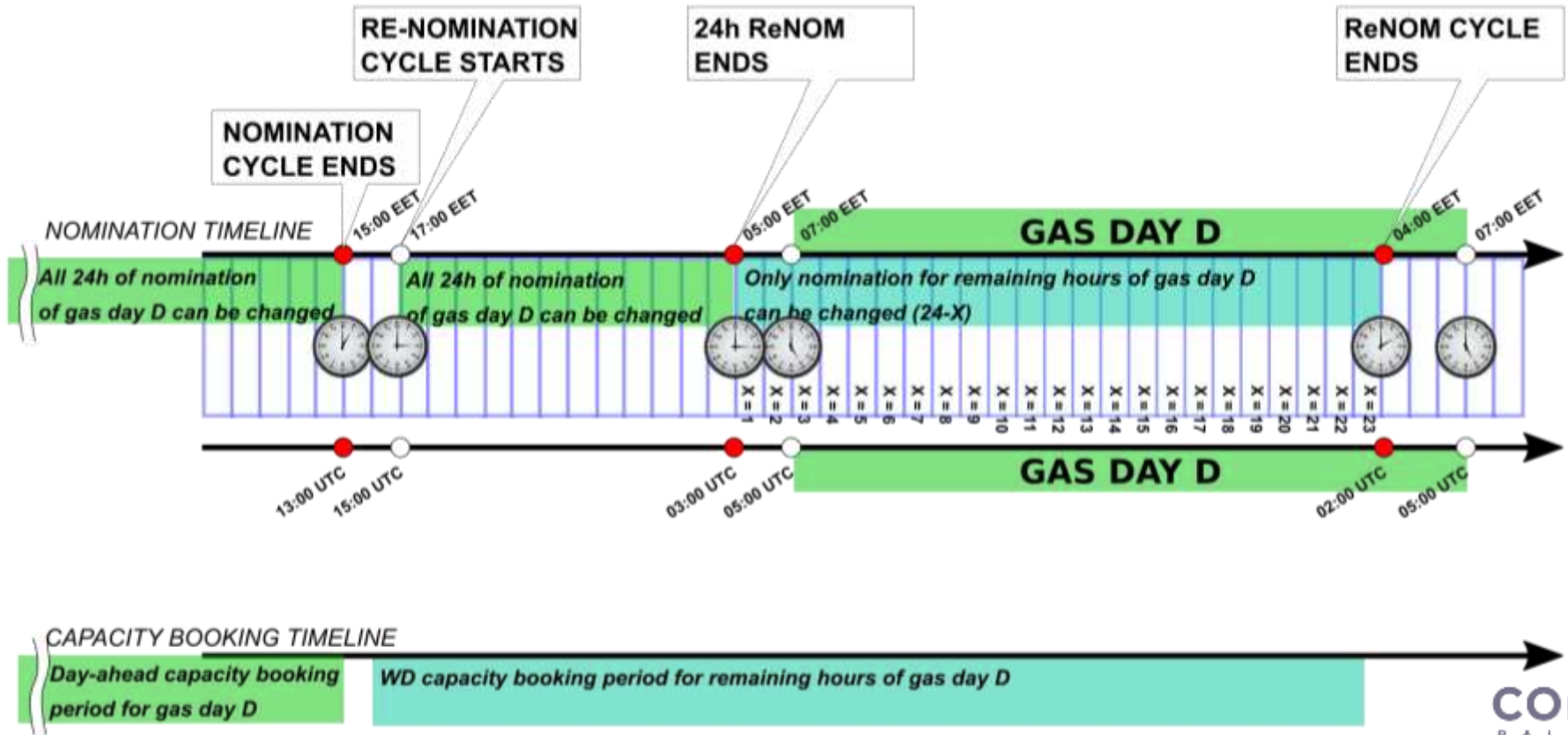
CAPBKI/CAPRES MESSAGES



ALL DATES USED ONLY AS AN EXAMPLE

NOMINATION/RE-NOMINATION

NOMINT/NOMRES MESSAGES. TIMELINE.



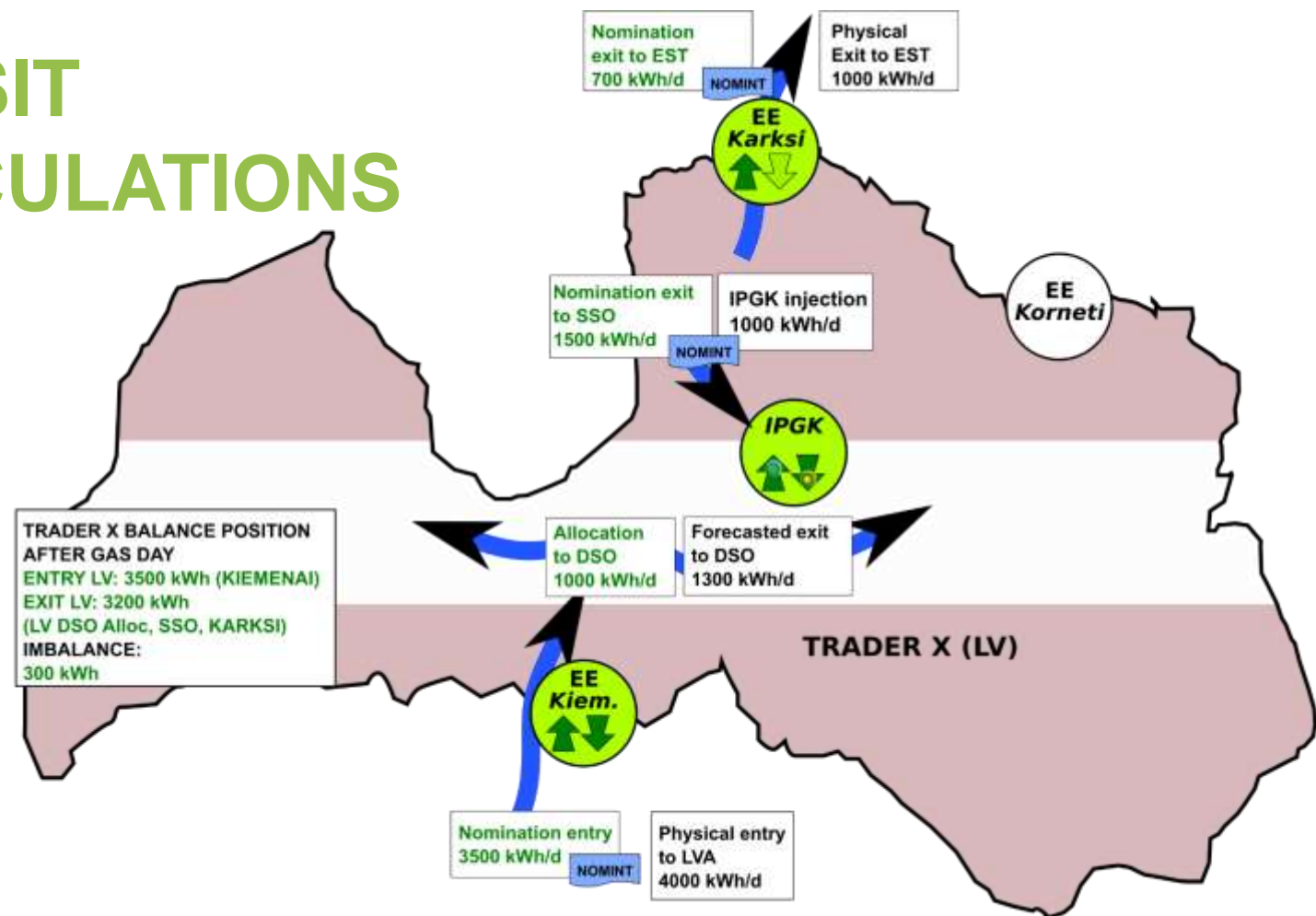
BALANCING ACCOUNT SITUATION

ACCSIT MESSAGES

- Informs Market participant about it's balancing status;
- Sent from System Operator to Market participant at frequency set by TPA rules;
- EDIG@S ACCSIT messages as a format for data exchange.

BALANCING ACCOUNT SITUATION

ACCSIT CALCULATIONS



BILLING INFORMATION

BILLS AND BILLING DATA

- No specific message format;
- Contains information about booked capacity products and payment;
- Issued once per month.

SYSTEM EVALUATION PERIOD

**MARKET PARTICIPANTS
ARE WELCOME TO TEST THE SYSTEM!**

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THANK YOU
FOR ATTENTION!

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