G-REX essentials

Vienna, 25.5.2022
Thank you for joining today! This is me:

- Head of Accounts and Communication
- Over 5 years of project management experience, IPMA C certified
- MSc in Business Administration, extensive studies in energy technology and economics
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G-REX is the next step of energy certification

- **2003**  
  Grexel was founded  
  Grexel was founded to take over the customers and key personnel of Absolutions Ltd and continue their work on environmental registry business.

- **2006**  
  The leading registry provider in Europe  
  More countries start using Grexel registries. Grexel becomes the leading registry provider.

- **2008**  
  CMO.grexel was published  
  With the second-generation Certificate Registry technology, CMO.grexel, Grexel introduced the registry-as-a-service offering to the market.

- **2021**  
  G-REX goes live  
  Grexel’s fastest and most functional Certificate Registry technology to date is officially deployed for its first customers.
**Organization Management**
- Create and manage organizations and licenses
- Task management

**PD Management**
- Manage PD version history
- Manage PD details and aggregation
- Approval workflow
- Task management

**Energy Management**
- Receive meter readings (REST API, XML)
- Support multiple meters
- Declarations (fuel, CHP, dissemination level)
- Approval workflow management

**Transactions**
- Instant, recurring and scheduled transactions
- 4-eye approval
- Blocking of imports

**Public Reports**
- Account Holders
- Production Devices
- Transactions
- Public cancellation statements

**Support processes**

**User and Access Management**
- Manage users and roles
- Role-based authorization
- One user to many organizations logic
- Strong MFA

**Admin and Generic Features**
- Dynamic certificates attribute model
- Multi-domain management
- Audit data
- Multi-language registry

**System integration, APIs**
- All functionality available with APIs
- Issuing Body API
- Account Holder API
- Public API (reports and AIB Hub statistics)
- Hub connection
- Calculate fees and export invoice files

**Certificate Account Management**
- Account statements
- Subaccounts
- Search and select certificates
- Search transactions
- Approval workflow

**Private Reports**
- Activity log
- All data available in pdf and xls
- Transaction report
- Cancellation statement report
- Pre-issuing statistics
The G-REX experience

Modern, continuously improving user interface

Security with ease of access

Easy integration using our API first structure
All APIs are open and documented

Use on any device
We are and will be compliant with AIB v.80, RED II and CEN EN 16325
General principles
General principles – Layout and navigation

- Main menu – navigate around the features
- Header menu – view profile, organization and change organization
- Language selection
- Statistics
- Task list – View actions awaiting activities
- Manuals & version info

Welcome to G-REX!

Domain transactions: BIOGAS

Domain transactions: EECS

Statistics

Task list – View actions awaiting activities

Manuals & version info

Language selection
General principles – Notifications

Notification received

Backend service called

View the result in notification center
General principles - Grids

- Enter detailed view
- Filter, sort select & columns
- Load excel (and PDF) reports
General principles – Forms and error handling