PtX Development Fund
A partner of the PtX Platform

BMZ Federal Budget Funds
German Federal Government
Federal Guarantee

PtX Development Fund (PtX D&G GmbH)
PtX Platform
KfW own funds

Grant Agreement
Co-financing Blending
FC-Financing Agreement Promotional Loan

Project Executing Agency (or investor, or PPP)
(e.g.: fertilizer industry, power utility, port authority)

Financing

Private Investor
Private Bank
Sponsor
others
Presentation of the PtX Development Fund Manager

KGAL expertise

Headquartered in Grünwald, Munich Germany

Over 50 years of experience in real assets

EUR 16 bn AuM & AuA

Team of 353 specialists

Signatory of UN PRI & Member of GRESB

Real Estate
240 properties (AT/BE/CZ/DE/ES/HR/HU/IE/NL/PL/SI/UK)

Sustainable Infrastructure
72 photovoltaic systems
51 wind farms
4 hydroelectric power stations
1,388 MW of total output
>2500 MW development pipeline

Aviation
More than 900 transactions
Global business

Sustainable Infrastructure Portfolio

- PV
- Wind
- Hydro

△ under development
△ under construction
△ operational

KGAL core market
KGAL core plus market
Presentation of the PtX Development Fund Manager

Nominated Sub-Contractor

Nominated Sub-Contractor GOPA intec

Headquartered in Bad Homburg, Germany

Founded in 2009

Team of >300 specialists

Over 485 projects through the scope of competence

Vast international footprint, especially in southern hemisphere and developing countries

Power Systems
7,500 km of HV transmission lines
520 Substations

Renewable Energy & PtX
7,500 MW of RES projects
10 green Hydrogen projects

Environment, Social, H&S

Headquartered in Bad Homburg, Germany

Founded in 2009

Team of >300 specialists

Over 485 projects through the scope of competence

Vast international footprint, especially in southern hemisphere and developing countries
PtX Development Fund

**Objectives**
- Supporting emerging/developing economies
- De-risking and enabling PtX market ramp-up
- Positive environmental contribution (ESMS in place)
- Positive impact on local value chains, job creation

**Financing**
- 270m EUR total funding
- cap: up to 30m EUR per applicant
- EU State aid law applies

**Applicants**
- Private
- Public
- ppp

**Modalities / Structure**
- Fund legal entity: KfW Power-to-X D&G GmbH
- Operational Management of the GmbH: KGAL Group
- Request for applications: coming soon
- There are more rounds of applications foreseen
The PtX Development Fund

Key Facts

Initial capitalization of **EUR 270 million** funded by German Ministry for Economic Cooperation and Development (BMZ)

Fund Manager KGAL, supported by GOPA intec

The first Call will be open to 7 eligible countries

Brazil, Morocco, Egypt, Kenya, South Africa, Georgia, India
PtX Development Fund - Project eligibility

Targets of the Fund

**Generation** of electricity from renewable sources, if colocated with a PtX project

Production of **green hydrogen & derivatives** (ammonia, efuels, methanol)

**Storage, processing, distribution and local use cases** (e.g. trucks) of green hydrogen & derivatives

**Creation of local value chains and jobs** in the green hydrogen & derivatives industry
PtX Development Fund

Call for Applications - two-stage evaluation process – more calls are planned -
PtX Development Fund - Project eligibility

Target project maturity

PtX Project Timeline

<table>
<thead>
<tr>
<th>Project phase</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning</td>
<td>(1–3 years)</td>
</tr>
<tr>
<td>Development</td>
<td>(2–3 years)</td>
</tr>
<tr>
<td>Construction</td>
<td>(2–3 years)</td>
</tr>
<tr>
<td>Operations</td>
<td>(25–30 years)</td>
</tr>
<tr>
<td>Decommissioning</td>
<td>(&lt;1 year)</td>
</tr>
</tbody>
</table>

PtX Dev Fund

- Risk
- Investment volume
- Final Investment Decision (FID)
- Commercial Operation Date (COD)
- Grant Disbursement
- Grant Allocation
- Monitoring & Reporting

Risk: Low to High
Investment volume: High to Low