



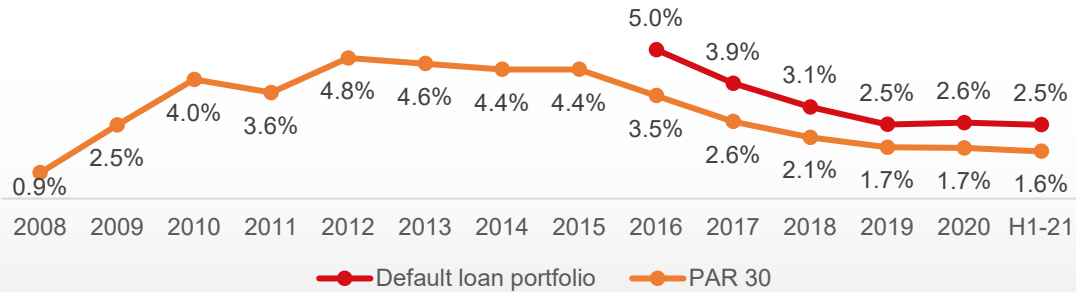
Sandrine Massiani, Management Board Member

**Key success factor: Credit risk management**

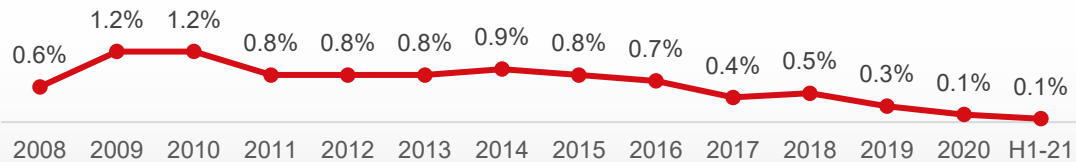
Capital markets day, October 2021

## ProCredit loan portfolio with strong risk indicators ...

Development of default loan portfolio and PAR 30

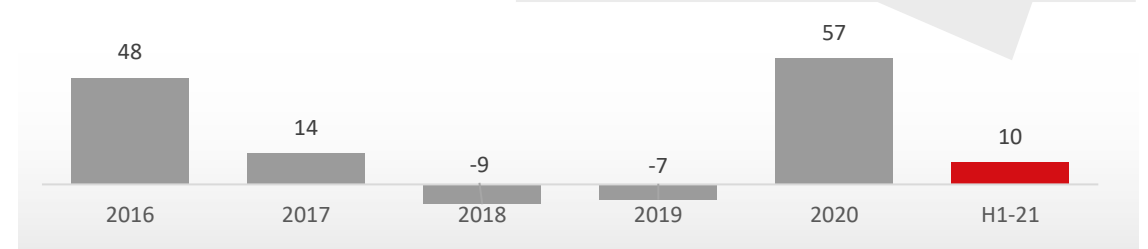


Net write-offs



## ... leading to consistently low risk cost ...

Based on further reduced share of credit impaired loans and loans in Stage-2; not influenced by model parameters



## ... and significantly leveraging the group's positive impact

### Client level

- ▶ Formalization of clients
- ▶ Increase of banking sector transparency

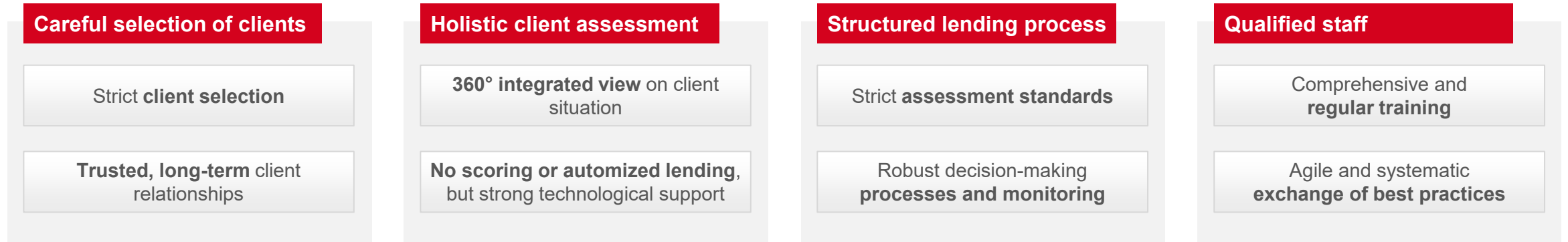
### Financial and impact level

- ▶ Active and early collaboration with clients to improve situation (e.g. Covid-19)
- ▶ Financing green investments (incl. energy efficiency) with superior risk parameters (1.0% credit-impaired loans)

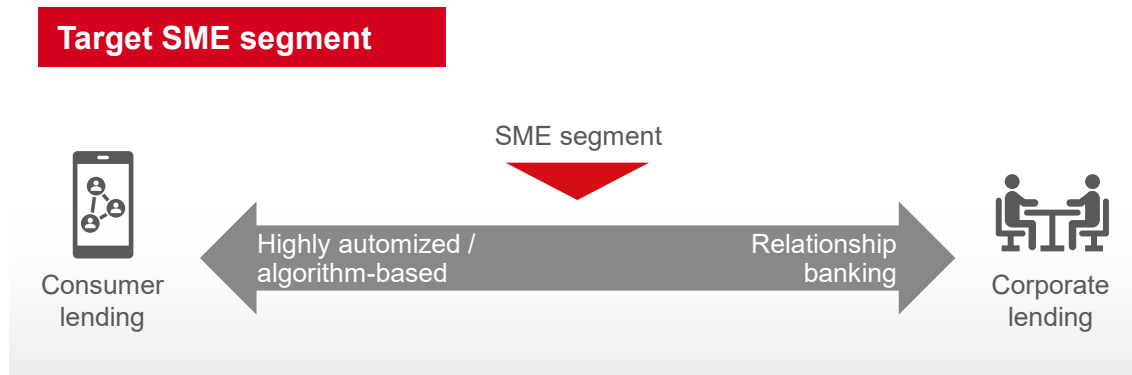
### Country level

- ▶ Financing innovative and forward-looking SMEs to create employment, preventing over-indebtedness and inadequate financing structures

## ProCredit key success factors of credit risk management



## Strong business focus on SME segment ...



## ... as clear differentiating factor

- ▶ Competitors in ProCredit markets continuing to either focus on high-margin consumer lending based on automated decision-making processes,
- ▶ and/or on large ticket corporate finance
- ▶ SME segment requiring a tailor-made assessment and approach to lending



**Key success factor: Careful selection of clients**

# Strict client selection as basis for long-term client relationships



## Client selection is key

- ▶ Willingness to enter into a trustful long-term relationship as key precondition (openness, transparency, partnership approach)
- ▶ Minimum requirements (exclusion list) as well as value-driven aspects to ensure joint vision
- ▶ Careful client selection followed by gradual engagement with new clients (e.g. credit limits)

## Key metrics underlining group's approach to credit risk

**1/2**

of business clients are non-loan clients

**~4x**

physical client visits per year

**~50**

loan clients (#) per Business Client Advisor

**~2/3**

of loan portfolio is investment loans incl. green loans

## Long-term client relationships beneficial for both our clients and ProCredit

- ▶ Building a deep and broad understanding the client over time
- ▶ Reliable banking partner also in challenging times due to good knowledge of client's business, underlying strengths and long-term payment capacity
- ▶ Potential for joint and diversified growth in business as SME clients grow and expand

## Exclusion list (1/2)

**No business relationship shall be established or maintained with clients engaged in any of the following activities:**

**Unethical practices and labour conditions:**

1. Production or activities involving harmful or exploitative forms of forced labour/harmful child labour, discriminatory practices, or practices which prevent employees from lawfully exercising their rights of association and collective bargaining;
2. Production or trade of narcotics;
3. Production or trade in weapons (including hunting weapons) and munitions;
4. Gambling (including online gambling), casinos and equivalent enterprises;
5. Issuance of cryptocurrencies or operation of cryptocurrency exchange platforms;
6. Prostitution and any business for which the primary business activity is related to pornography;
7. Reproduction clinics and other medical institutions engaged directly or indirectly in surrogacy (e.g. through intermediation or other systematic facilitation) or other ethically questionable medical treatment, including genetic material modification and manipulation or mitochondrial replacement therapy and practices commodifying human organs

**Activities detrimental to health, safety and the environment:**

1. Production or trade in or use of un-bonded asbestos fibres or asbestos-containing products;
2. Production or trade in products containing polychlorinated biphenyls;
3. Production or trade in pharmaceuticals, pesticides/herbicides and other hazardous substances subject to international phase-outs or bans;
4. Production or trade in radioactive materials (including storage and treatment of radioactive wastes), business or activities relating to the nuclear industry or nuclear materials;
5. Unsustainable fishing;
6. Shipment of oil or other hazardous substances in tankers which do not comply with International Maritime Organization (IMO) requirements;
7. Activities involving the release of genetically modified organisms into the natural environment without approval being given by competent authorities or where the relevant authority has declared itself as GMO free;
8. Trade in wildlife or wildlife products regulated under CITES;
9. Operation of hunting activities;
10. Transboundary movements of waste prohibited under international law;
11. Any type of hydropower plants with a production capacity higher than 15 MW and storage hydropower plants with large dams;
12. Production or trade in ozone-depleting substances subject to international phase-out;
13. Unsustainable logging;
14. Exploitation of diamond mines and commercialization of diamonds, when the host country has not adhered to the Kimberley agreement (KPCS) or other similar international agreements on extractive resources;
15. Underground mining to extract metals, coal, oil shale and other minerals;
16. Charcoal making with other methods than the retort method (use of sealed metal containers)

**No business relationship shall be established or maintained with clients engaged in any of the following activities:**

**Activities having a negative impact on the community:**

1. The production or trade in any product or activity deemed illegal under host country (i.e. national) laws or regulations or international conventions and agreements, including without limitation, legislation or conventions relating to the protection of biodiversity resources or cultural heritage;
2. Activities within, adjacent to, or upstream of land occupied by indigenous peoples and/or vulnerable groups, such as lands and watercourses used for subsistence activities such as livestock grazing, hunting or fishing;
3. Activities which may affect adversely sites of cultural or archaeological significance;
4. Activities involving involuntary resettlement;

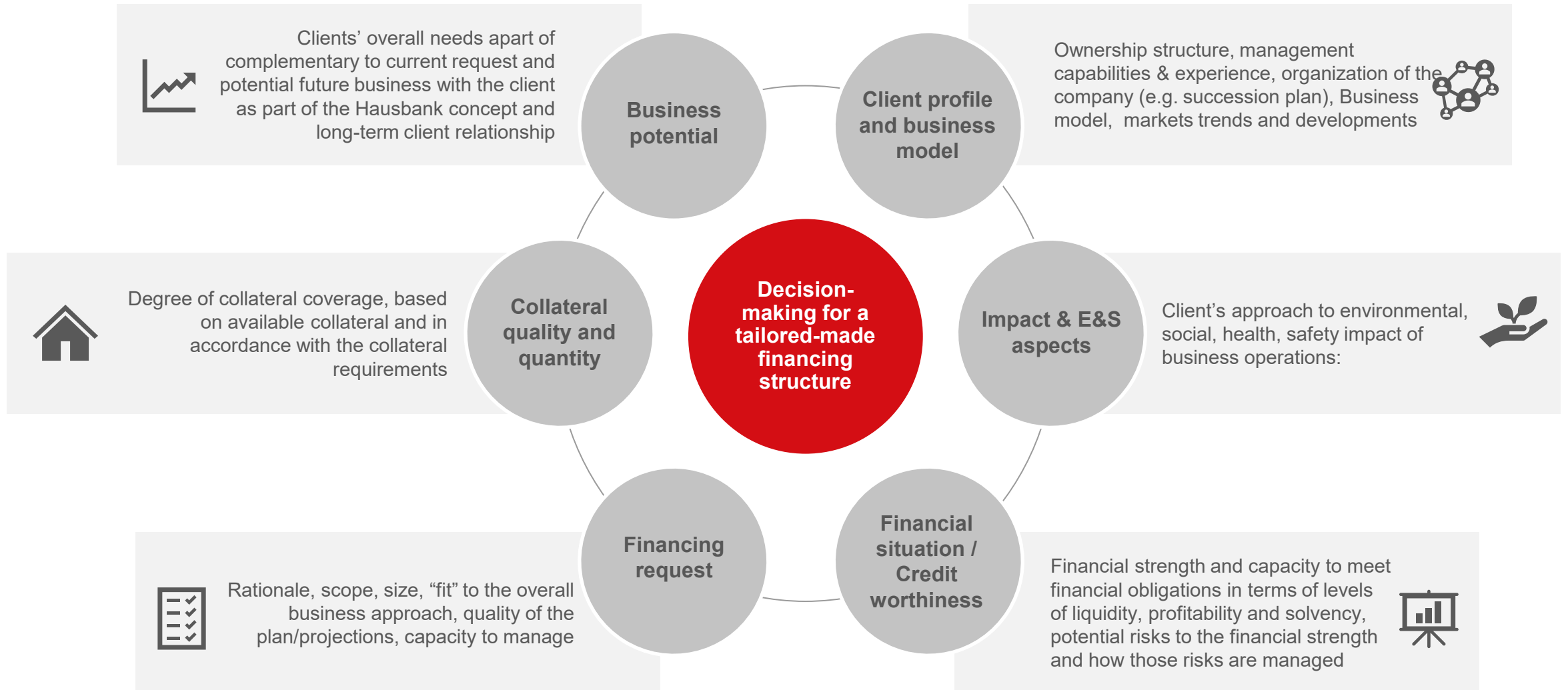
**Legal entities engaged in any of the following activities shall not be financed:**

1. Major production of or trade in alcoholic beverages (excluding beer and wine);
2. Major production of or trade in tobacco;
3. Activities within or adjacent to designated protected areas classified under IUCN Category I – IV ;
4. Producers of single-use plastic items or of plastic granulates used for the manufacture of products that are prohibited from placement on the market according to the Directive (EU) 2019/904 of the European Parliament and of the Council

**Key success factor: Holistic assessment of clients**



## 360° integrated view on client situation in all cases



## Credit decisions based on 3 main principles ...

### Focusing on the client – not the product

- ▶ Client-centric approach with time invested in client relationship
- ▶ BCAs are able to ‘advise’ clients and are the first line of defense

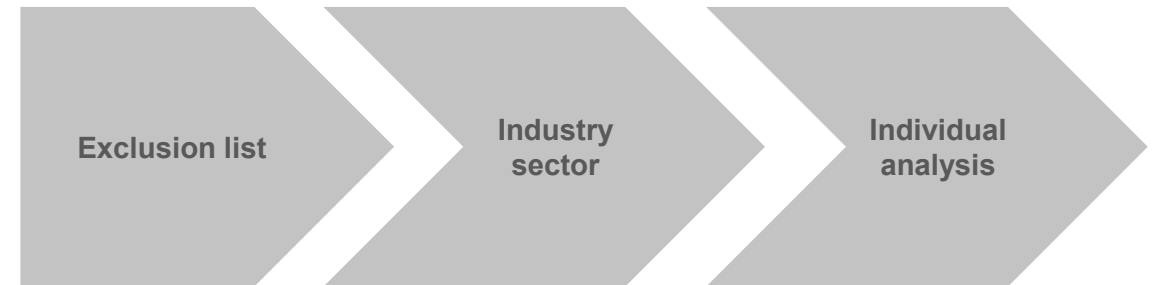
### Good financials as condition sine qua non – but not sufficient

- ▶ Sustainable financials / ability to repay as basis for credit worthiness
- ▶ Risk classification system is 60% quantitative – 40% qualitative

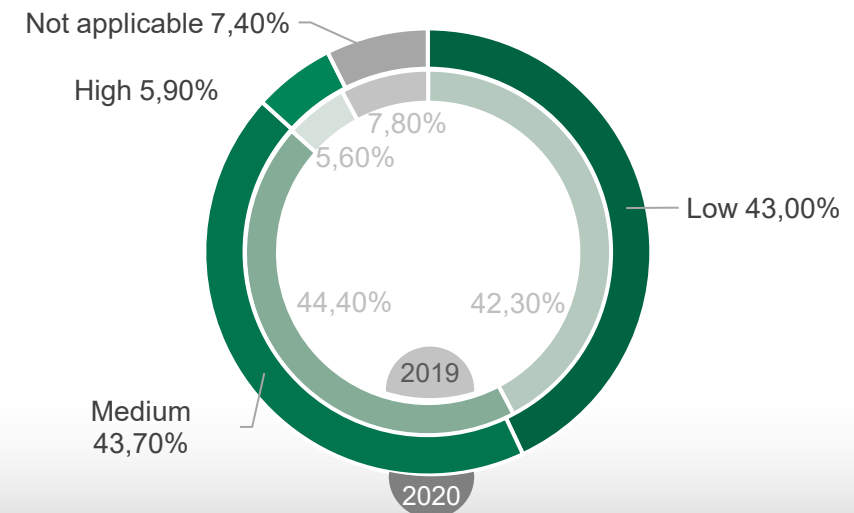
### No collateral-based financing

- ▶ Collateral as second line of defence
- ▶ Conservative approach to collateral requirements and valuation, with all valuations done by selected contracted external companies

## ... with ESG criteria as integral part of decision-making process for all clients



### Business loan portfolio by environmental risk category



**Key success factors: Structured lending processes and qualified staff**

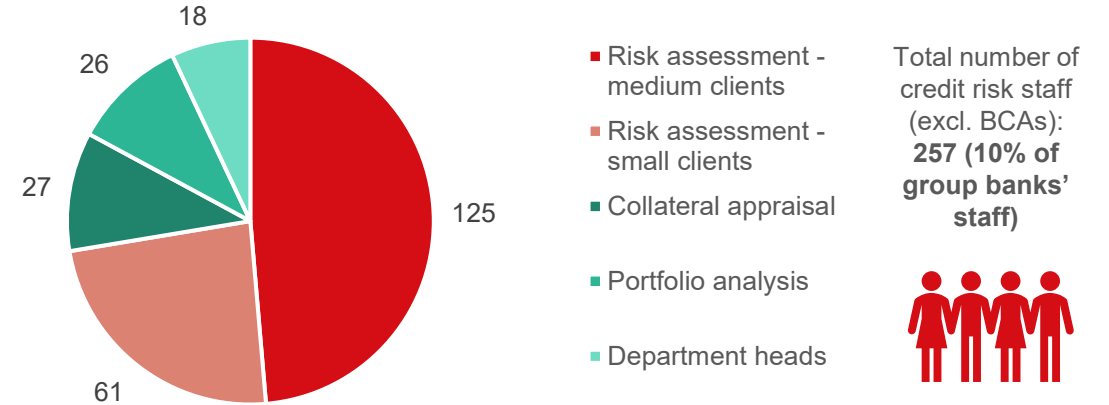
# Robust credit risk set-up combined with highly qualified staff

## Highly structured processes in line with German requirements

### Key components of structured lending and monitoring process

- ▶ Segregation of front / back-office functions (up to management level)
- ▶ Complete documentation of risk assessment
- ▶ Credit decisions taken by credit committee members whose experience and expertise are regularly checked
- ▶ Systematic early identification of risks (EWI)
- ▶ Comprehensive and regular monitoring of exposures and repayments
- ▶ Strict standards for intensified management

## Strong focus on risk assessment within credit risk staff ...



## ... supported by vast staff experience and continuous training

**8.7 years**  
average experience at ProCredit

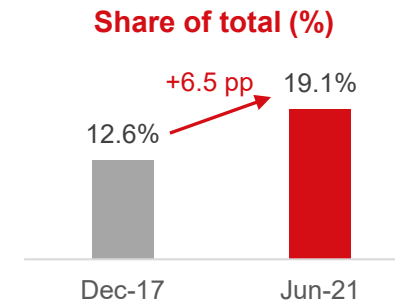
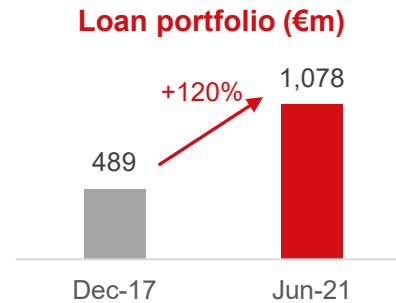
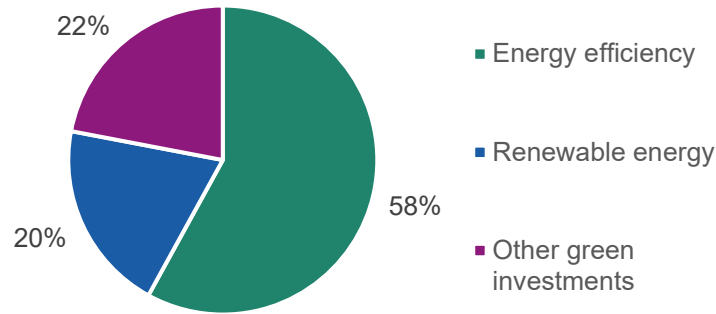
**4.6 years**  
seniority at credit risk position

**67 hours**  
of training per annum  
per credit risk staff (2020)

**96%**  
of credit risk staff English proficiency  
(level B or higher)

# Green loan portfolio with increasing contribution to strong loan growth and low risk cost

## Three main categories of the ProCredit green loan portfolio with overall strong growth dynamics



**>14k**  
number of green loans  
disbursed in total in last 10y

**+€98m / +98%**  
growth of renewable energy  
portfolio in 2020

## Superior risk metrics as a result of unique internal focus and expertise in green lending

**1.0%**  
credit impaired loans,  
significantly lower than  
overall portfolio of 2.5%

**3.4%**  
loans in Stage 2,  
considerably lower than  
overall portfolio of 4.4%

### Key strengths in green lending translating into structural low risk cost

- ▶ Green loans NOT a separate product, but embedded in the regular credit analysis process as for all other loans
- ▶ Selection of clients, with forward looking, innovative SME clients in focus who fully embrace environmental issues
- ▶ Investment into lower risk areas (e.g. energy efficiency and cost reduction)
- ▶ Strong internal focus and expertise, with internal trainings of all BCAs, technical experts, limited required support from external consultants
- ▶ Strong use case of 'Hausbank' concept, with long-term and trusted client relationships at the core and BCAs and technical experts enabled to advise clients

# Stringent credit risk set-up allowing for fast and individual actions during pandemic

## Extremely robust processes even during unprecedented pandemic driven mainly by

- ▶ Close customer relationship
- ▶ Structured and agile lending and monitoring processes

## Swift actions taken already before end Mar-20...

- ▶ Fast communication with each single client
- ▶ Group approach to moratoria, structured identification of potential risks and intensified monitoring

## ... and from Apr-20 onwards

- ▶ (Conservative) implementation of moratoria
- ▶ Covid-19 (intensified) monitoring implemented and RC update
- ▶ Additional short-term working capital financing
- ▶ Timely restructuring when relevant

## Case study: Restructuring during Covid-19

- ▶ **Client:** Spa and medical centre for physical health and therapy

- ▶ **Size:** 2,000 beds

- ▶ **Liabilities to banks:**

EUR 2.4m, of which ProCredit exposure 90%

- ▶ **Covid-19 category:** sector **high**, financials **low**, final **high** considering impact on sector in general

- ▶ **Development:** Company was fully restricted to operate from Mar-20 to Oct-20. Restrictive measures were lifted partially in Oct-20 allowing the client to operate at 40% capacity

- ▶ **Restructuring activities:** Bank offered 9 month moratoria and decreased installments in the first 8 months of 2021, respective prolongation of initial maturity

- ▶ **Outlook:** Client is expected to continue recovery in rest of 2021 and 2022







Slide 2:

- "Development of default portfolio and PAR 30": No definition of default available before 2016; all numbers based on the scope of continuing operations as of today
- Cost of risk H1-21 annualized



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