



ORDEM
DOS
ENGENHEIROS



ANO OE
ENERGIA E
CLIMA

Transição Justa

Coal to Green Energy



Joana Freitas
Administradora EDP Produção

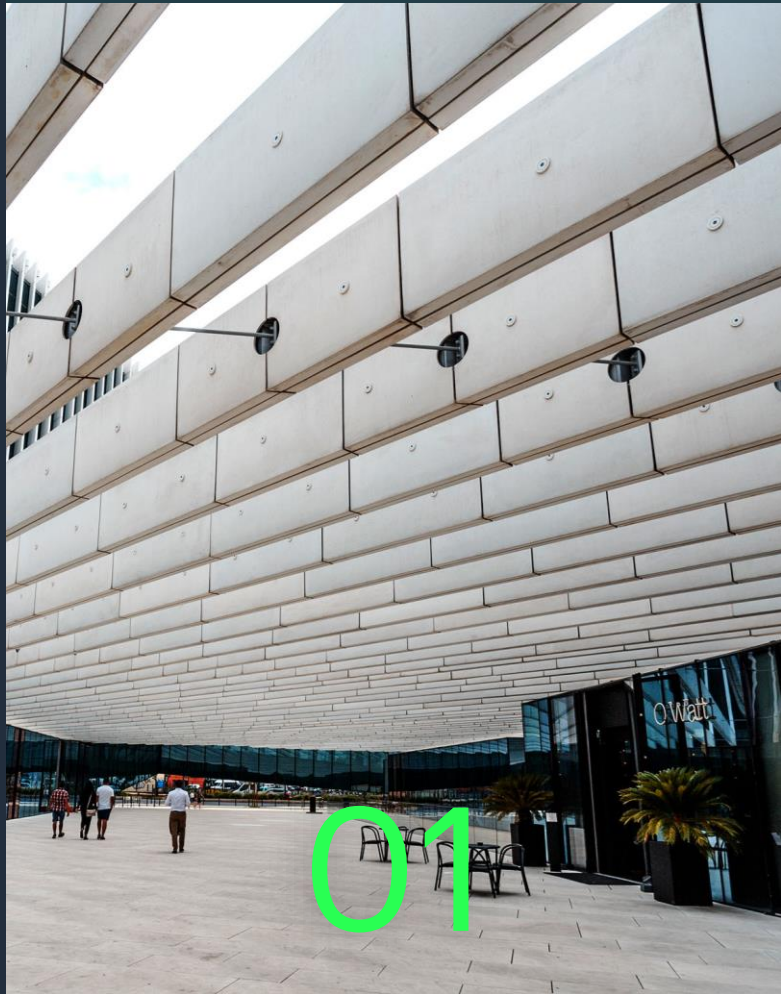


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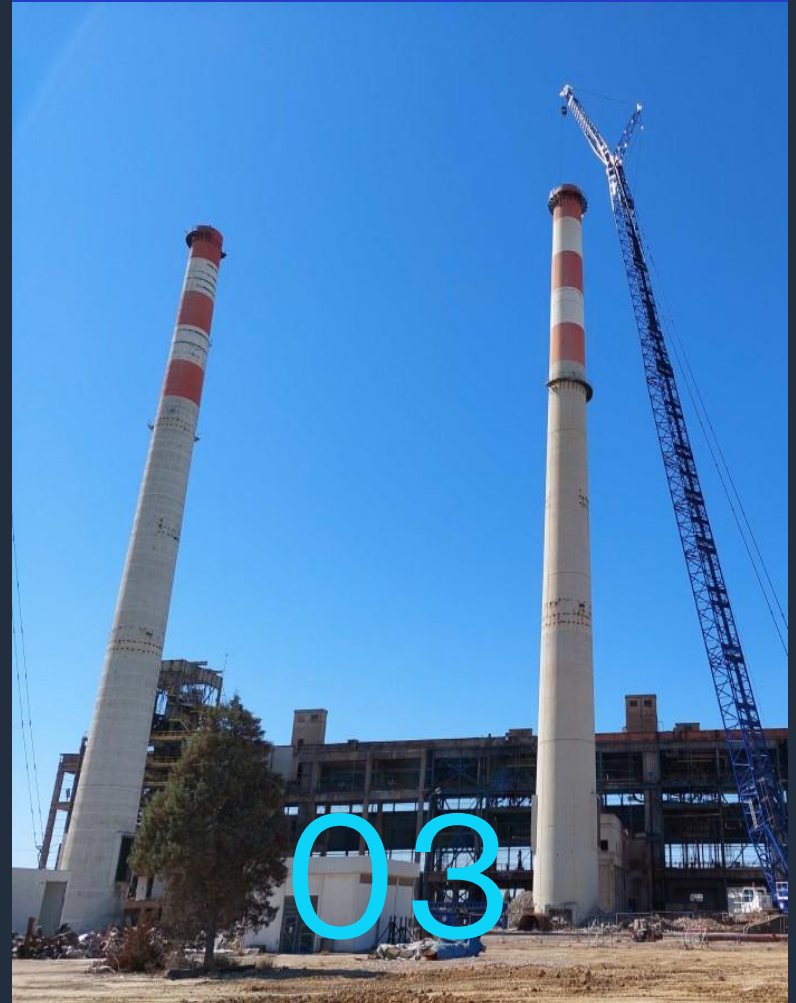
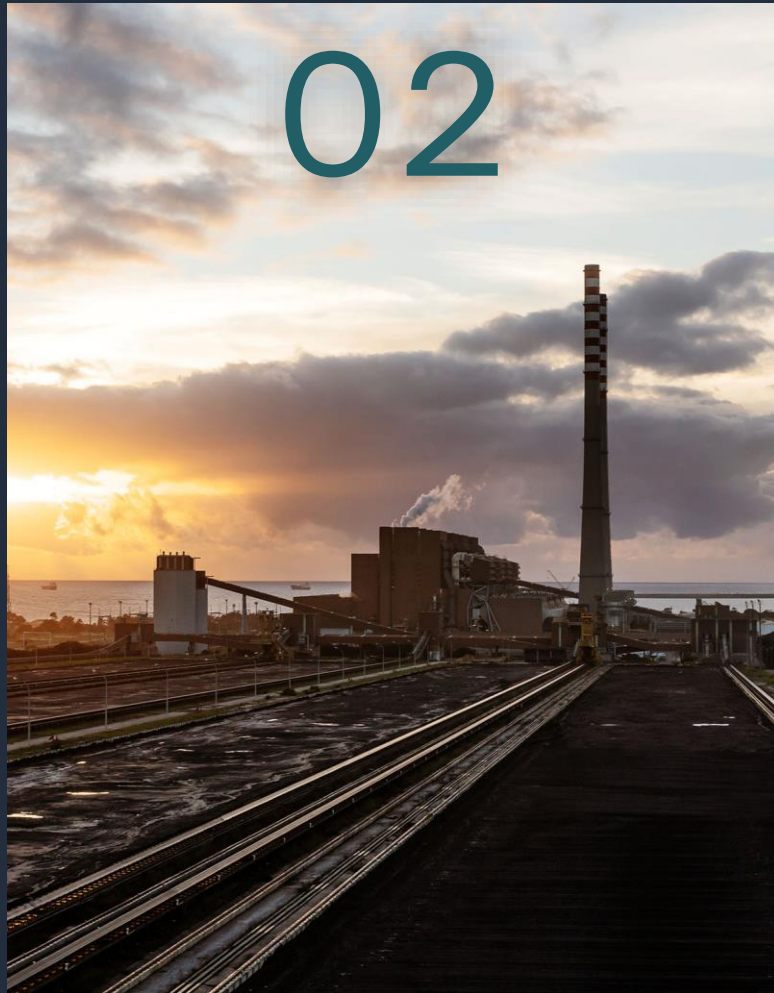
01

EDP



Just Transition
Plans

02



03

Sines Case
Study



01 EDP



**World
most sustainable
electric utility**

(Dow Jones Index)

**29
markets**



**13.000
employees**

#4

in wind
globally

renewables
in North
America



1/5 ←

60%



Coal free by
2025

02 Just Transition Plans



EDP has been developing a specific transition plan for each thermal site, based on energy transition projects in 4 Business Streams



Sites



Business Streams



Green H2
Production,
Storage and Retail



Storage
Chemical and
Thermal



Renewable
Wind, Solar,
Small hydro



Flexibility
and Grid
Support

Transitioning the thermal portfolio

- Technology Conversion
- Efficient Decommissioning
- Green energy transition projects
- Thermal asset strategy



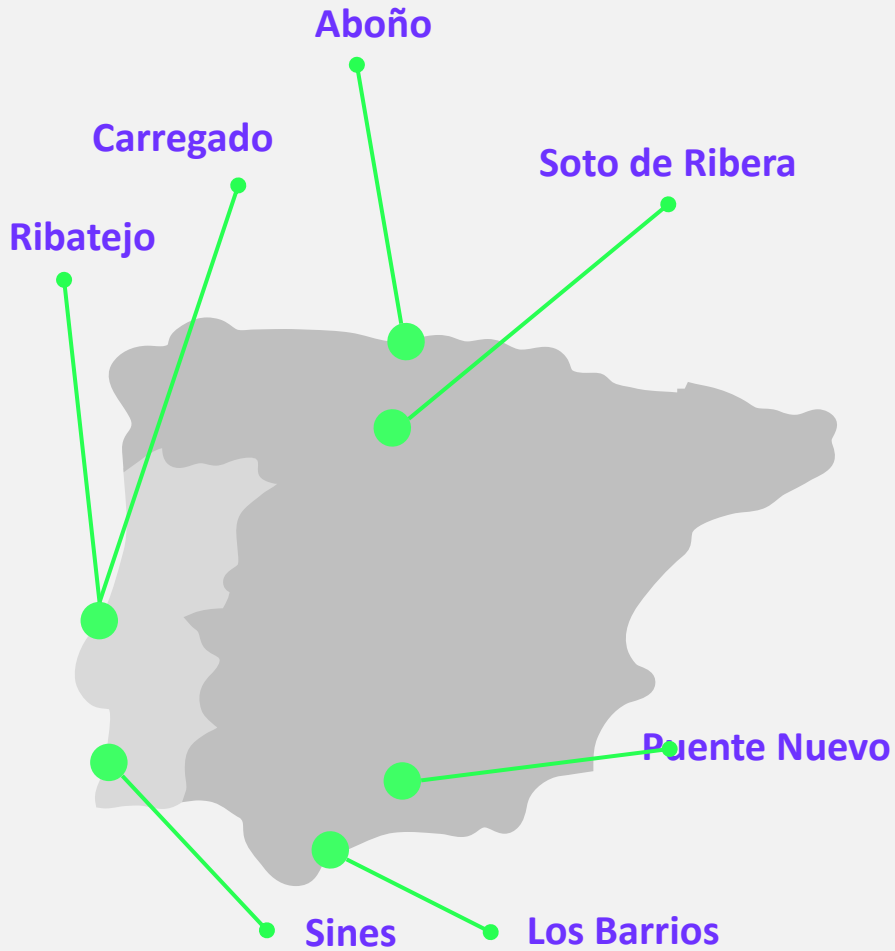
Manage transition to attain

Coal free
By 2025

Carbon neutral
By 2030

Transitioning the thermal portfolio...

...delivering on our commitments with green hubs at the center



Sines

>190 M€
96 MW

Dec'25

Carregado

15 M€
5 MW

Dec'24

Ribatejo

2 M€
1,5 MW

Dec'23

Aboño

330 M€
150 MW

Apr'26

Soto de Ribera

15 M€
5 MW

Jan'26

Los Barrios

>100 M€
130 MW

Dec'25

Puente Nuevo

250 M€
350 MW

TBD

CAPEX

>1,0 Bn€

Capacity

~730 MW

EDP has 2 large-scale energy transition projects in Portugal under development on the sites of former thermal power plants

	Electrolysis	Investment	Financing	Start of construction	Start of operation
<p>Sines</p> 	96 MW	150 M€	30 M€ (Green Deal)	Set.24	Set.26
	5 MW	15 M€	5,6 M€ (PRR)	Jan.24	Dez.24
<p>Carregado</p>					

03 Sines Case Study



02

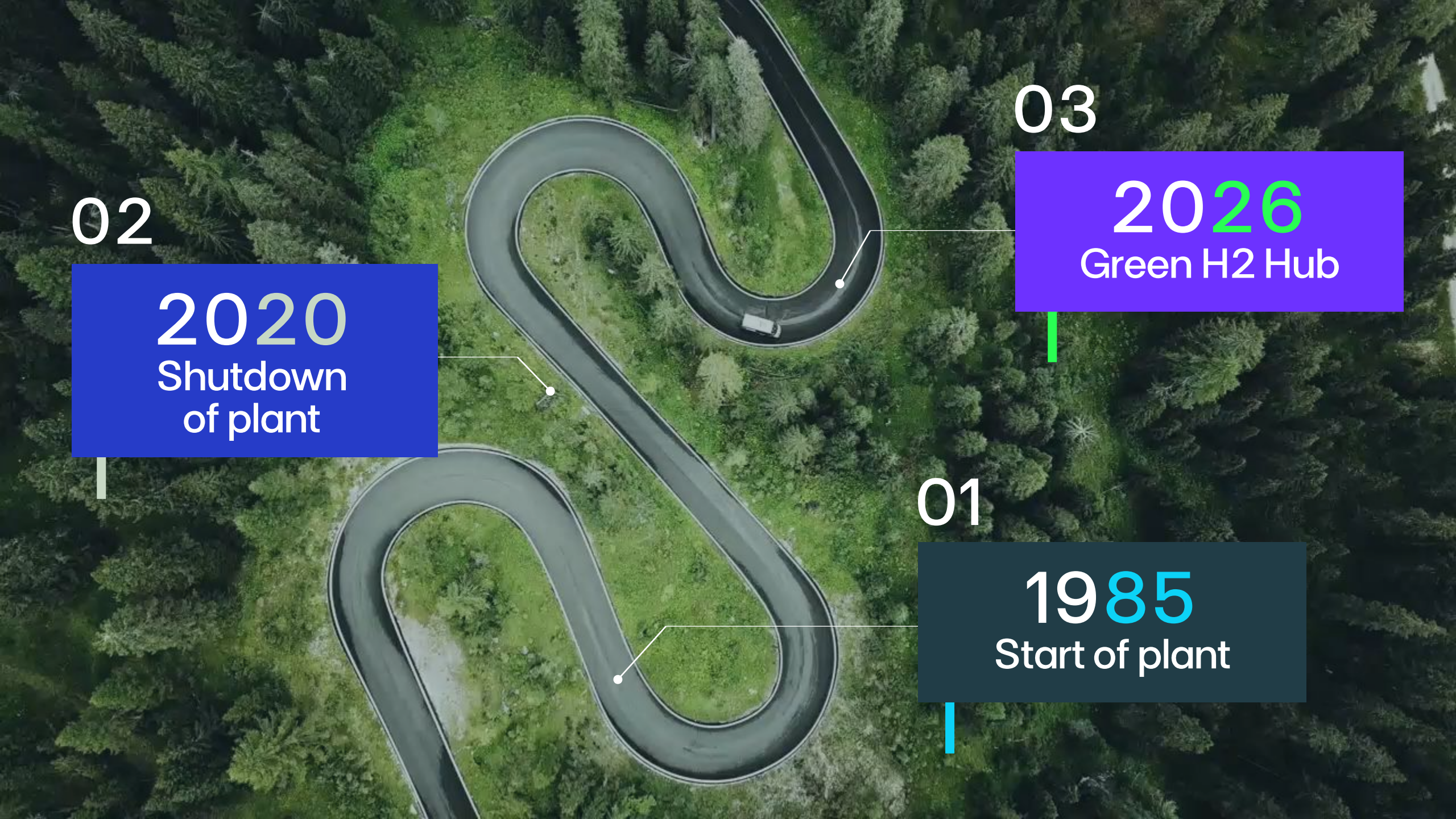
2020
Shutdown
of plant

03

2026
Green H2 Hub

01

1985
Start of plant





100 MW



30 M euros grant
from Green Deal



SOC: 2024



COD: 2026

110

EMPLOYEES
AT SHUTDOWN

x3

INDIRECT
EMPLOYMENT

Sines Active Future Programme

01

Take

Responsibility

For own workers

02

Understand the problem



PARTNER:
Local University



Academic study
on **future jobs needed**



UNIVERSIDADE DE ÉVORA



TÉCNICO
LISBOA

03

Reskilling



PARTNER:

National Employment Agency

2

Classes on
**Photovoltaic
Systems**

18

Months
training

32

Students

+

Other
courses



Instituto do Emprego
e Formação Profissional

04

Creation of small business



PARTNER:
Local incubator

54

Candidates - Capacity building

14

Businesses



NAU

PROGRAMA DE
EMPREENDEDORISMO

05

Social Support



PARTNER: Municipality



SOCIAL SUPPORT OFFICE



SPONSORSHIP OF LOCAL SOCIAL WORK NGOS

105
People



EDP SOLIDÁRIA - SINES



11

Social projects
-2 years





Results of the programme

28 → months after shutdown

77% → have found another job

12% → are in reskilling training

11% → are retired or on leave

0% → are still unemployed



Discover
the Coal to
Renewables
Toolkit

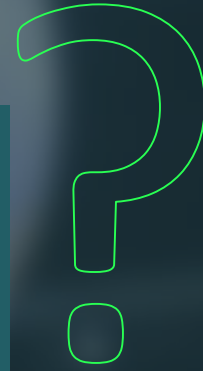
WORLD
ECONOMIC
FORUM



↙ 'Community
involvement
program of
the year'

award at the
Environmental Finance
Sustainable Company
Awards 2022.

What do you think
about, when you hear
climate change



“ I think about jobs.
Green jobs ”





OBRIGADO



ORDEN
DOS
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