



European Investment Bank (EIB)

Luxembourg, 23rd November 2021

Environmental and Social Completion Sheet (ESCS)¹

Overview

Project Name:	<i>ZERO-E SOLAR PV</i>
Project Number:	<i>2019-0237</i>
Country:	<i>Spain</i>
Project Description:	<i>Construction and operation of 18 solar PV plants with a total capacity of c. 865 MW_p located the Spanish regions of Aragon and Castilla La Mancha</i>

Summary of Environmental and Social Assessment at Completion

EIB notes the following Environmental and Social performance and key outcomes at Project Completion.

The Project consists of the development, construction and operation of 18 single-axis tracker solar PV plants, each of 40-50 MW_p of capacity, with a total installed capacity of c. 865 MW_p, including the ancillary infrastructure for grid interconnection. The plants are grouped in four clusters located in the regions of Aragón and Castilla La Mancha, Spain. The project schemes started construction in September 2018 and were set in commercial operation in 2019.

No.	Cluster	PV Project	Capacity (MW _p)	Autonomous Region
1	Alcázar	Alcázar 1	44.99	Castilla La Mancha
2		Alcázar 2	44.99	
3		Valdecarro	49.88	
4		Valdivieso	49.88	
5	Aragón	Esplendor Solar	49.88	Aragón
6		Hazaña Solar	49.88	
7		Talento Solar	49.88	
8	Chiprana	El Robledo	49.88	
9		Sierrazuela	49.88	
10		Ribagrande	49.88	
11		ValdeLAGUA	49.88	
12	Escatrón	Escarnes Solar	40.18	
13		Envitero Solar	45.62	
14		Mocatero Solar	40.17	
15		Escatrón Solar Dos	49.88	
16		Ignis Solar Uno	49.88	
17		Emoción Solar	49.88	
18		Mediomonte Solar	49.88	

¹ The template is for ILs and FLs



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All solar PV plants and grid connection facilities fall under Annex II of the Environmental Impact Assessment (EIA) Directive 2014/52/EU amending the EIA Directive 2011/92/EC. Based on national and regional environmental regulations, they were screened in by the competent authorities, requiring an EIA process, including public consultation. The Spanish EIA process incorporates the Habitats assessment, whereby competent authorities can only issue the environmental permit once the appropriate assessment has been satisfactorily performed. The EISs either considered that the impacts of Project components in the neighbouring Natura 2000 sites were not likely (for Alcazar and Escatrón clusters), or they performed an appropriate assessment of these impacts (for Aragón and Chiprana clusters). In the latter case, the EISs proposed mitigating measures that are in turn taken up in the environmental permits. Environmental permits were granted for all plants in 2018. These measures included compliance with the related Natura 2000 site management plans, and set environmental monitoring plans to assess whether additional measures need to be considered.

The appraisal concluded that the project was acceptable under environmental aspects, subject to the following conditions:

Undertakings

- Provision of the annual environmental monitoring plans (Plan de Vigilancia Ambiental – PVA) reports, for each individual site and associated facilities, ensuring the implementation and effectiveness of the environmental plans established by the Promoter.

This condition has been met. EIB received the environmental monitoring plans (PVA) for all sites.

The Promoter reported no significant environmental or social issues during the implementation of the project.

According to the received PVAs, the project implemented the following site-specific mitigation measures included in the environmental permits during project operation:

- Avifauna monitoring program at least for the first five years of operation
- Waste management system
- Monitoring of site natural drainage and protection of soil
- Monitoring of protected trees
- Landscape integration plans (including the implementation of tree barriers, revegetation with autochthonous species, and monitoring programs)

The project was implemented as assessed. During the implementation phase and the first year of operation, no significant environmental or social issues were noted.

Summary opinion of Environmental and Social aspects at completion:

EIB is of the opinion based on reporting from the promoter, and lenders' advisors during and after construction that the project has been implemented in line with EIB Environmental and Social Standards, applicable at the time of appraisal.