

## Project Development - Portugal

We replace conventional energy from nuclear and fossil fuels with safe, environmentally friendly, emission-free, non-odorous and quiet photovoltaic energy on an industrial scale. With Newcon Energy® your investment is safe, ecofriendly and profitable.



Newcon Energy® is a global active company specialized in the development of large-scale photovoltaic projects. With a company history of over 12 years and international experience, we started in Portugal in 2019 with the development of a PV project pipeline of around 6GW, supported by a highly experienced and internationally renowned law firm.

Our project development pipeline is based on Legislative Decree 172/2006, dated 23/08/2006, as amended by 76/2019, dated 03/06/2019, which provides for participation in the creation of new grid capacity.

Within the scope of the grid capacity request, the PV projects had to be submitted to the respective grid operators by 28.07.2020 in accordance with the guide line of "Termos de Referencia" (TR). The project submission had to show a minimum quality, which results from appendix 1, number 1) and 2) of the TR. Following a project evaluation by REN based on Annex 2 of the TR, the grid capacity requests were prioritized accordingly.

After 4,000 registrations, 91 projects had met the minimum requirements. Another 13 projects were disqualified after the minimum requirements check. 78 projects with a total capacity of 17.01 GW, submitted by 37 applicants, were finally included in the ranking list of the grid operator REN and officially communicated by DGEG on 07.07.2021.

These projects will shape the photovoltaic energy of the country for the next decades. There will be no comparable auctions of this kind before 2030.

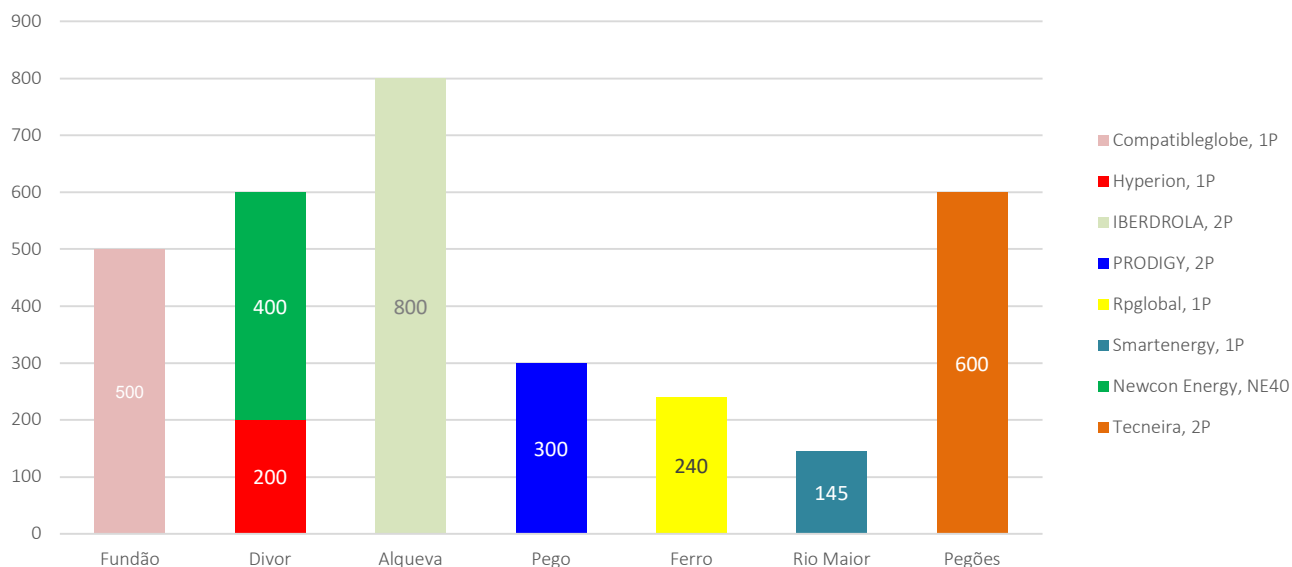
Newcon Energy® placed 20 projects with a total capacity of 5.385GW, representing 32% of the total capacity. 7 projects with a capacity of 2.175GW and a share of 38% of the total capacity are listed in the Top 20 selection. Within the Top 30 selection, 11 projects with a capacity of 3.465GW and a share of 44% of the total capacity were successfully placed. The capacity reservation of the Newcon Energy Pipeline covers 9 substations in different cities in an area with a radius of about 120km in the southern part of Portugal.



In the next step REN will start the offering process for the capacity reservation to each applicant. Due to the enormous effort and limited capacities on the part of REN, this will be done in stages of each 3GW per 6 months.

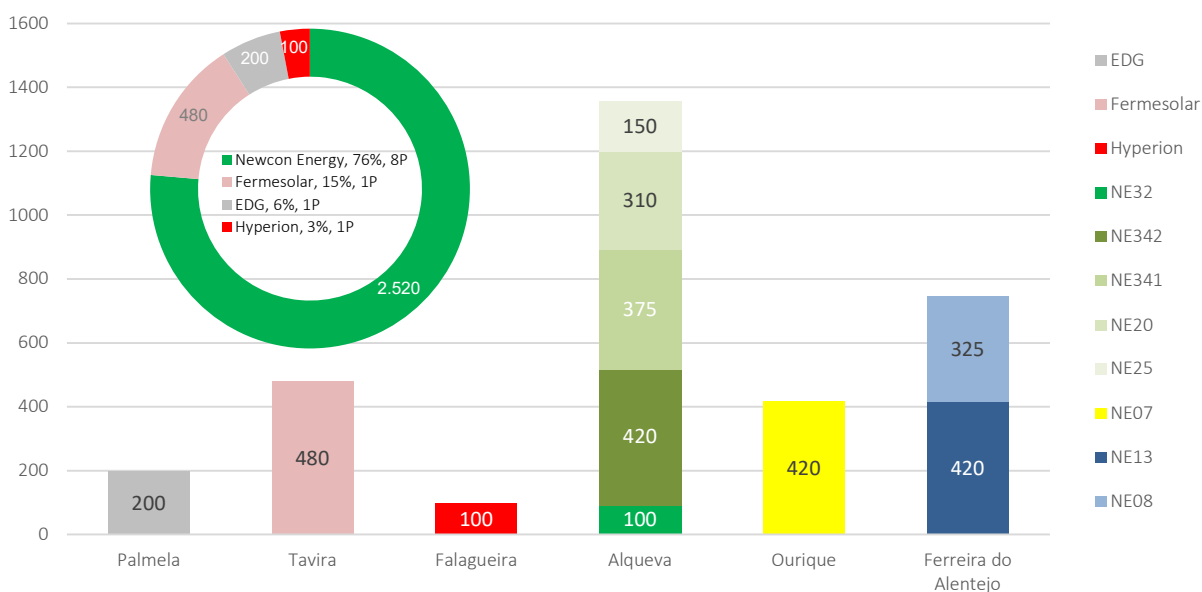
## Substations of the First 3GW

in MW



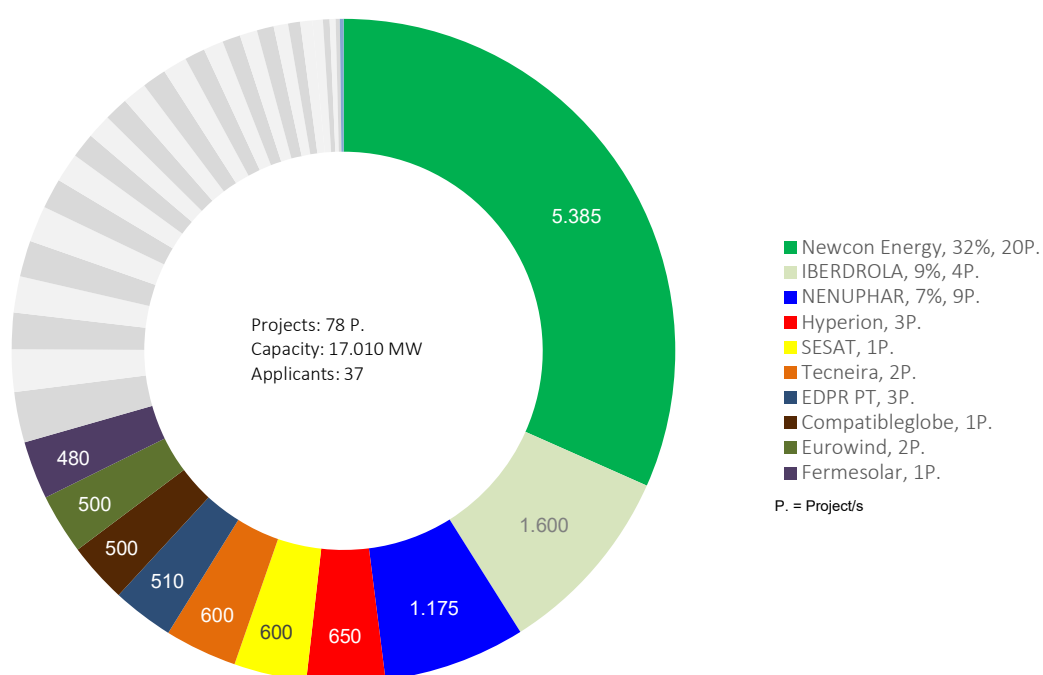
## Substations of the Second 3GW

in MW



The following figure shows the distribution of total capacity by each applicant. The top10 applicants are shown in color.

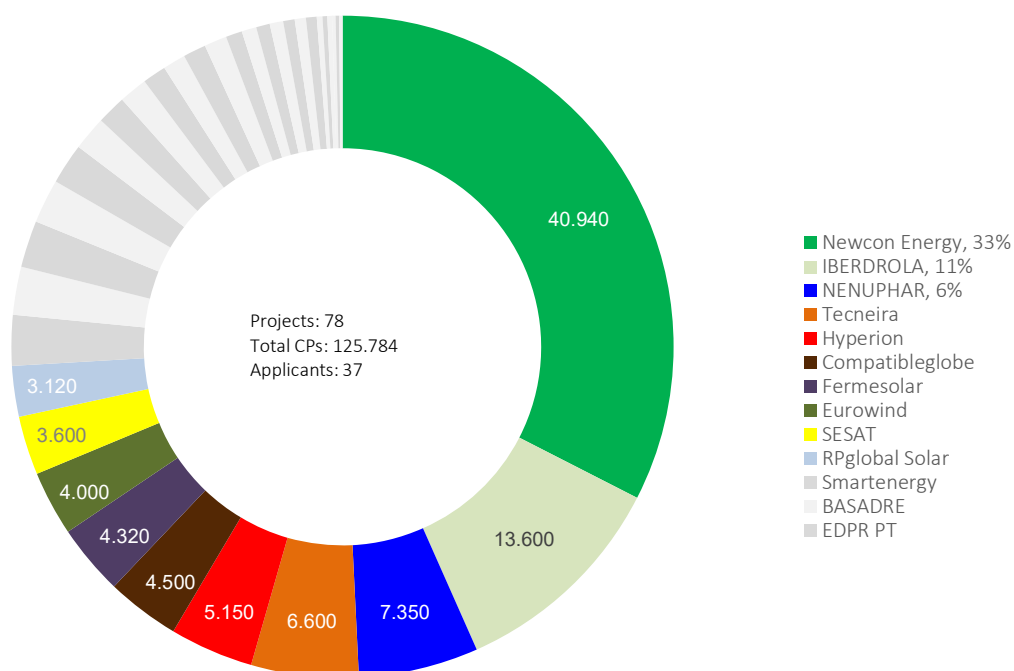
Top 10 Applicants - Reserved Capacities in MW



In the following figure, the project sizes are multiplied by their respective evaluation points and assigned to the applicants in total. Newcon Energy's share of total capacity remains stable even in this view, indicating a very good ratio of quality to quantity.

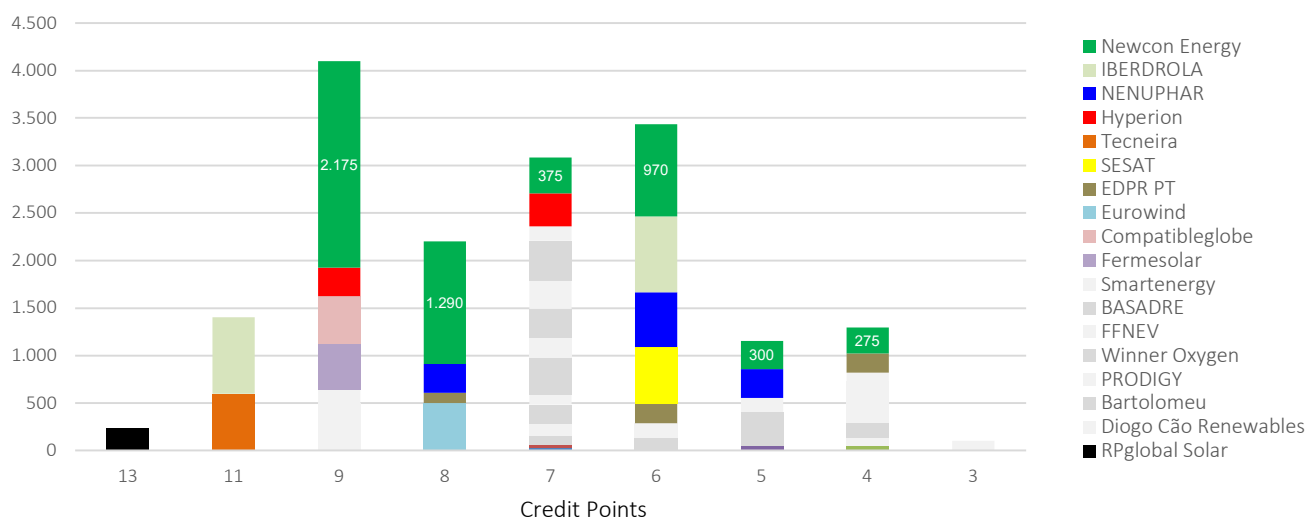
## Top 10 Applicants - Quality meets Quantity

Credit Points (CP) x MW



In the following figure, the achieved connection capacities are assigned to the respective evaluation categories based on the applicant.

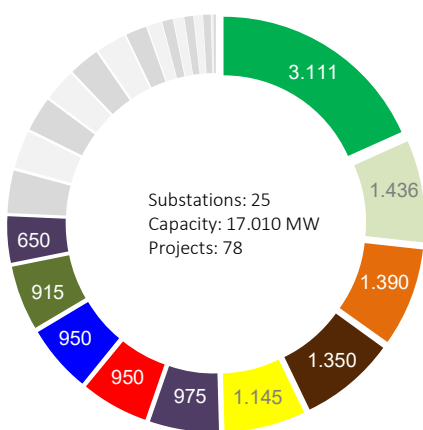
### Quantity meets Quality Categories in MW





The following figure shows the substations where the grid access for the 78 listed projects, representing 17GW is planned. The largest substation in this context will be the substation located in Alqueva. Here, 12 projects with a total capacity of 3.111GW representing 18% of the total capacity are to be connected.

Substations  
in MW

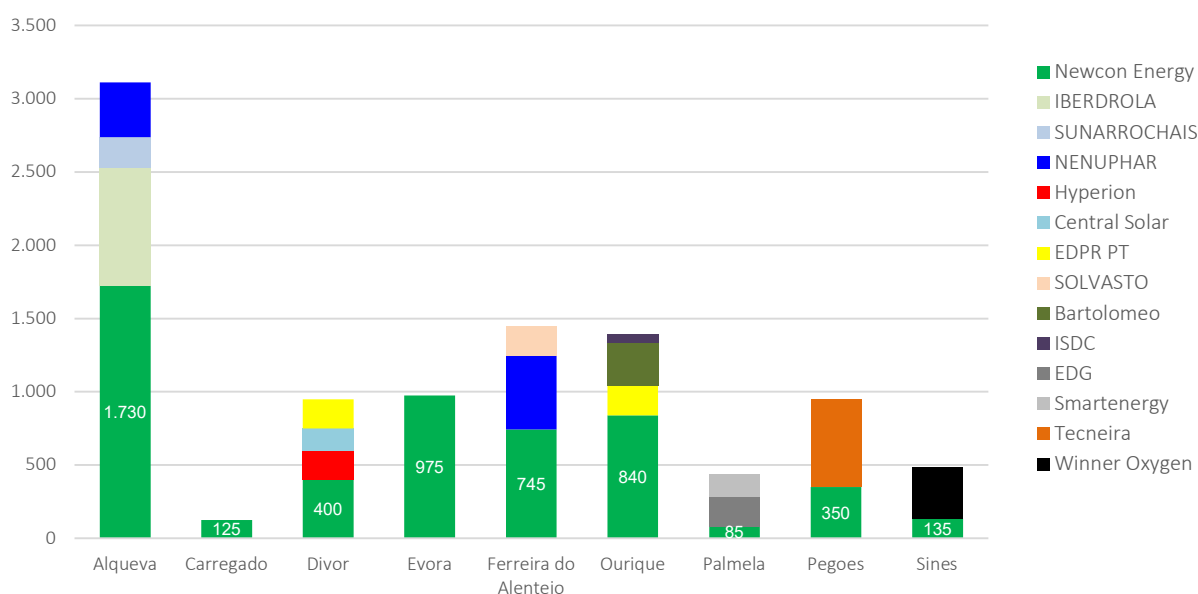


- Alqueva , 3111, 12P.
- Falagueira , 1436, 6P.
- Ourique , 1390, 5P.
- Estremoz , 1350, 4P.
- Ferreira do Alentejo, 1145, 5P.
- Évora , 975, 5P.
- Dívor, 950, 4P.
- Pegões, 950, 3P.
- Tavira , 915, 4P.
- Fundão , 650, 2P.
- Castelo Branco , 600, 3P.
- Ferro , 535, 5P.
- Sines , 485, 2P.
- Pego , 450, 3P.
- Palmela , 435, 3P.
- Ribatejo, 420, 1P.
- Vila Pouca de Aguiar , 300, 3P.
- Bodiosa , 200, 1P.
- Alcochete , 150, 1P.
- Rio Maior , 145, 1P.
- Carregado , 125, 1P.
- Pocinho , 120, 1P.
- Chafariz , 110, 1P.
- Tunes, 33, 1P.
- Tábua , 30, 1P.

Newcon Energy's project pipeline connects to 9 substations, as shown in the figure below. In Alqueva, with a capacity of 1.73GW, the share of projects to be connected by Newcon Energy accounts for 56%. Another 3 developers are approved for this substation. Newcon Energy will initiate an intensive collaboration between all stakeholders to maximize optimization potential. In Carregado and Evora Newcon Energy provides 100% of the capacity.

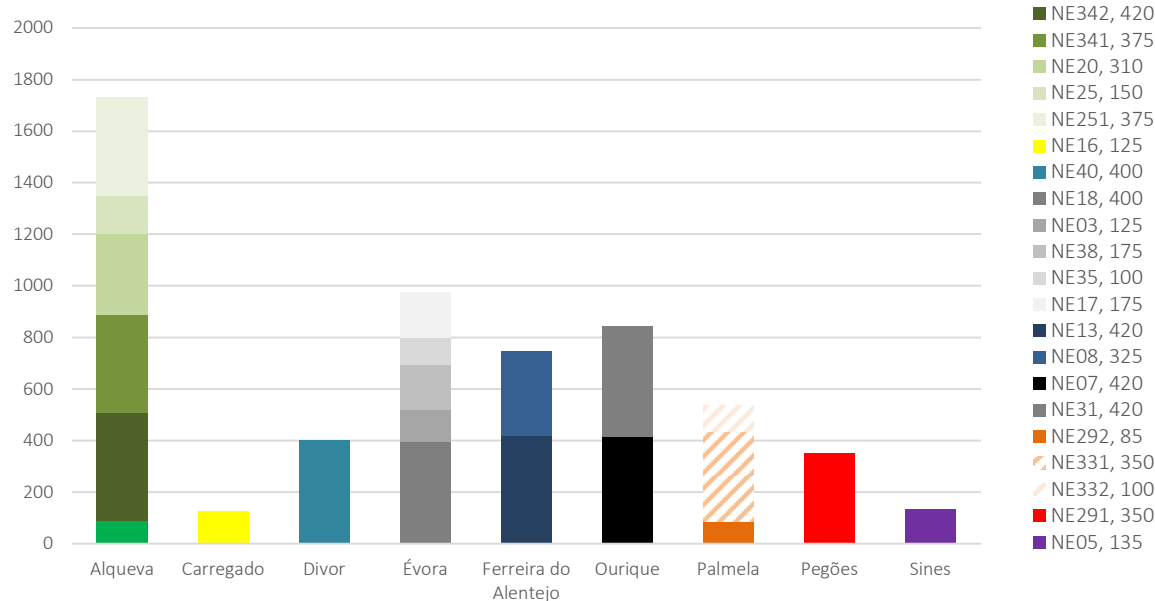
### Substations - Stakeholder

in MW



### SPV meets Substation

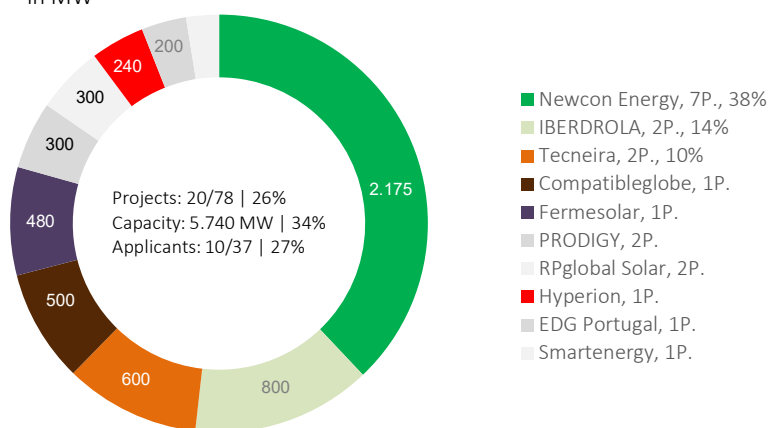
in MW





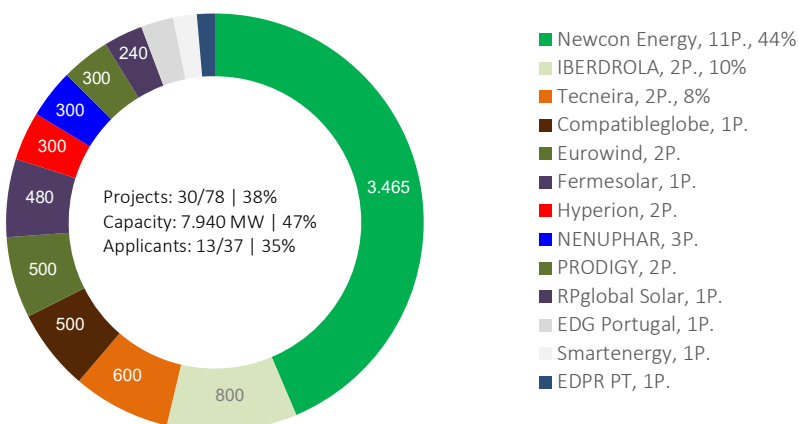
In the Top 20 Ranking, Newcon Energy is represented by 7 projects and dominates with 2.175GW representing 38% of the total capacity, followed by IBERDROLA with 0.8GW and a 15% share.

Top 20 Ranking  
in MW



In the Top 30 Ranking, Newcon Energy is represented by 11 projects for a 44% share of total capacity, or 3.465GW.

Top 30 Ranking  
in MW



Official REN Ranking

| REN Posição relativa | N.º Processo DGEG | Requerente                          | Subestação           | MVA | Total de pontuação |
|----------------------|-------------------|-------------------------------------|----------------------|-----|--------------------|
| 11                   | 2758              | SoICarport Portugal Unipessoal Lda. | Divor                | 400 | 9                  |
| 12                   | 2775              | SoICarport Portugal Unipessoal Lda. | Alqueva              | 100 | 9                  |
| 13                   | 2783              | SoICarport Portugal Unipessoal Lda. | Alqueva              | 420 | 9                  |
| 14                   | 2915              | SoICarport Portugal Unipessoal Lda. | Alqueva              | 375 | 9                  |
| 15                   | 2916              | SoICarport Portugal Unipessoal Lda. | Alqueva              | 310 | 9                  |
| 16                   | 3930              | SoICarport Portugal Unipessoal Lda. | Alqueva              | 150 | 9                  |
| 19                   | 2765              | SoICarport Portugal Unipessoal Lda. | Ourique              | 420 | 9                  |
| 21                   | 2914              | SoICarport Portugal Unipessoal Lda. | Ferreira do Alentejo | 420 | 8                  |
| 22                   | 3917              | SoICarport Portugal Unipessoal Lda. | Ferreira do Alentejo | 325 | 8                  |
| 29                   | 2780              | SoICarport Portugal Unipessoal Lda. | Carregado            | 125 | 8                  |
| 30                   | 2782              | SoICarport Portugal Unipessoal Lda. | Ourique              | 420 | 8                  |
| 34                   | 2886              | SoICarport Portugal Unipessoal Lda. | Alqueva              | 375 | 7                  |
| 54                   | 2770              | SoICarport Portugal Unipessoal Lda. | Pegões               | 350 | 6                  |
| 60                   | 2757              | SoICarport Portugal Unipessoal Lda. | Évora                | 400 | 6                  |
| 61                   | 2761              | SoICarport Portugal Unipessoal Lda. | Palmela              | 85  | 6                  |
| 62                   | 2917              | SoICarport Portugal Unipessoal Lda. | Sines                | 135 | 6                  |
| 66                   | 2779.a            | SoICarport Portugal Unipessoal Lda. | Évora                | 125 | 5                  |
| 67                   | 2779.b            | SoICarport Portugal Unipessoal Lda. | Évora                | 175 | 5                  |
| 76                   | 2763              | SoICarport Portugal Unipessoal Lda. | Évora                | 100 | 4                  |
| 77                   | 2768              | SoICarport Portugal Unipessoal Lda. | Évora                | 175 | 4                  |
|                      | 2764              | SoICarport Portugal Unipessoal Lda. | Pamela               | 100 | N/A                |
|                      | 2769              | SoICarport Portugal Unipessoal Lda. | Palmela              | 350 | N/A                |