



Design, Finance, Construction and Operation of

# SOLAR PHOTOVOLTAIC CAR PARKS



# Coruscant Offer

Coruscant is an independent power producer offering integrated solutions to design, finance, build and operate photovoltaic car parks.



## 1 # DESIGN

Coruscant conducts full project design, including structural sizing, photovoltaic and electrical engineering, and economic study.



## 2 # PROJECT FINANCE

Coruscant manages whole project legal structuring and financing. Coruscant can either invest equity in projects or deliver them turnkey.



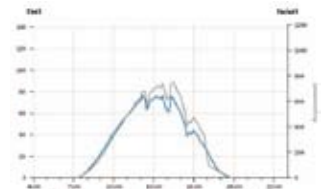
## 3 # CONSTRUCTION

Coruscant leads project execution, from building permit to plant commissioning with its own reference industrial partners.



## 4 # OPERATIONS AND MAINTENANCE

Coruscant manages power plant operations and administration over its life time.



# Solar photovoltaic car parks

## Key benefits

- 1 # Shadowing and weatherproofing of vehicles for the benefit of car parks users
- 2 # A green and reliable power supply source
- 3 # A sustainable and environmentally-friendly solution:
  - No additional land occupation
  - No environmental hazard
  - No landscape nuisance
- 4 # Implementation of power supply sources for electrical vehicles



# Main Realizations



## 1 # AVIGNON AIRPORT, FRANCE

- Capacity: 128 kWp
- Surface: 921 sqm
- Annual production: 138 MWh

*"Coruscant photovoltaic car park is fully aligned with our certified environmental policy. Project was implemented on schedule without any disturbance on the airport activity"* – Benedict Petit, Airport Manager.



## 2 # ASSLIC HEADQUARTERS, CARROS, FRANCE

- Capacity: 241 kWp
- Surface: 1,807 sqm
- Annual production: 254 MWh

*"Our objective was to improve employees' working conditions while respecting our sustainable development policy. Coruscant solution, providing environment-friendly shelters to employees' cars, fully met both objectives"* – Bernard Nicoletti, Asslic President.



## 3 # RENAULT, CLEON FACTORY, FRANCE

- Capacity: 4,894 kWp
- Surface: 33,146 sqm
- Annual Production : 4,136 MWh

*"Coruscant's quick response and preparatory work were essential to keeping project on schedule"* – Fabio Re, Head of Renault's Real Estate Project Feasibility and Project General Manager.

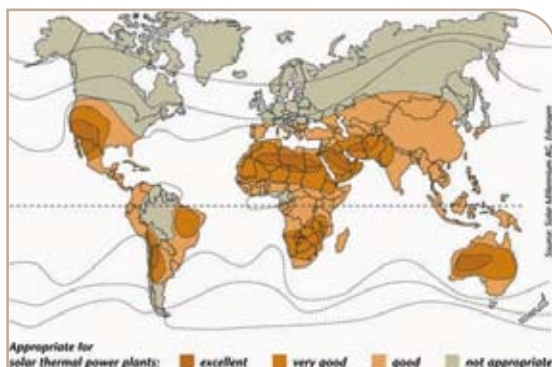


## 4 # ESKOM HEADQUARTERS, JOHANNESBURG, REPUBLIC OF SOUTH AFRICA

- Capacity: 390 kWp
- Surface: 2,564 sqm
- Annual Production : 695 MWh

*"Coruscant's comprehensive expertise in solar energy production was key to the successful execution of our project."* – Deon van der Walt, Head of Guma Group Energy Division.

## Sunbelt countries: primary targets for international development



- An unlimited, reliable and competitive solar resource according to the level of irradiation
- A local production for a local consumption implying low needs for additional infrastructures
- A stimulating factor for local economies improving supply of electricity and limiting dependency on fossil fuels



# Main Technical Features of Coruscant Solution

## 1 # FUNCTIONAL DESIGN

- **Natural flow of vehicles** on clear surfaces permitted by grounded foundations
- **Easy car door opening** allowed by front or back position of poles

## 2 # OPTIMIZED SPACE

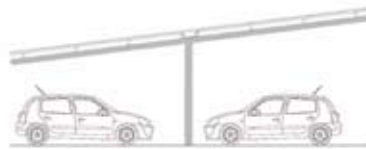
- **Unchanged number of available parking spaces** with aerial look alike

## 3 # FLEXIBLE CONFIGURATION

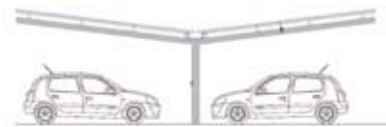
- 3 adaptable configurations to fit **all car park implantations**



1 Slope / 1 Row



1 Slope / 2 Rows



2 Slopes / 2 Rows

### KEY PARTNERS



#### SNCF ECO MOBILITÉ PARTENAIRES

A private equity fund with key focus on sustainable mobility and environment, SNCF Eco Mobilité Partenaires is a shareholder of Coruscant. SNCF Eco Mobilité Partenaires is part of the SNCF Group (French national railway company).



#### CAISSE DES DÉPÔTS ET CONSIGNATIONS

A French state-owned financial institution, CDC has co-financed projects alongside Coruscant.



#### OSEO

A French state-owned financial institution focused on financing innovative French companies, Oséo has debt financed all Coruscant projects to date.

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