



M&A Advisory



Project Finance



Strategic Advisory

# ANALYSIS OF THE RESULTS

## Fessenheim Solar Tender – Tranche 1

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Solar installations (ground-mounted and rooftop)  
100 kWp – 30 MWp

September 27th, 2019



# FESSENHEIM SOLAR TENDER 1 – CONTEXT

Initiated by the steering committee of Fessenheim site's regeneration, the tender « Energetic transition of Fessenheim's region » (« *Transition énergétique du territoire de Fessenheim* ») of the CRE (*Commission de la Régulation de l'Énergie*) deals with the construction and the exploitation of solar-energy-based electricity generation sites situated in the department of Haut-Rhin in France. It aims at developing **ground-mounted** and **rooftop** photovoltaic power plants.

The tender is composed of 3 periods (tranches) and the submission of applications is open between **July 2019** and **July 2020**.

In this report, we analyse the **results for the 1<sup>st</sup> period**, published on **September 27<sup>th</sup>, 2019**, which aimed at awarding 60 MWp, while the two following tranches will target 120 MWp each.

## SCOPE OF THE TENDER

- ✓ Capacity **100 kWp – 30 MWp**
- ✓ Type **Ground-mounted and Rooftop plants**  
(buildings, greenhouses, warehouses, farm sheds & shadehouses)
- ✓ Rating criteria **Price (70 pts) + carbon footprint (30 pts)**  
[for Group 1, it counts for only 21 pts, and 9 pts for the **environmental relevance**]

## PRICING

- ✓ **Group 1** (ground-mounted installations with a capacity ranging from 500 kWp to 30 MWp) was supported by the feed-in premium mechanism.
- ✓ **Group 2** (rooftop installations with a capacity ranging from 500 kWp to 8 MWp) was also supported by the feed-in premium mechanism.
- ✓ **Group 3** (rooftop installations with a capacity ranging from 100 to 500 kWp) was also supported by the feed-in tariff mechanism.

## KEY INFORMATION OF THE TENDER

	Targeted Capacity	Awarded Capacity
Group 1	40 MWp	48 MWp
Group 2	15 MWp	16 MWp
Group 3	5 MWp	1 MWp

- ✓ # Winners **15 projects**
- ✓ Average tariff **66,05 €/MWh**
- ✓ Ceiling tariffs set by the specification (no floor tariff)
  - ✓ Group 1 **70 €/MWh**
  - ✓ Group 2 **100 €/MWh**
  - ✓ Group 3 **110 €/MWh**
- ✓ Deadline for applications **July 26th, 2019**



# FESSENHEIM SOLAR TENDER 1 – WINNERS

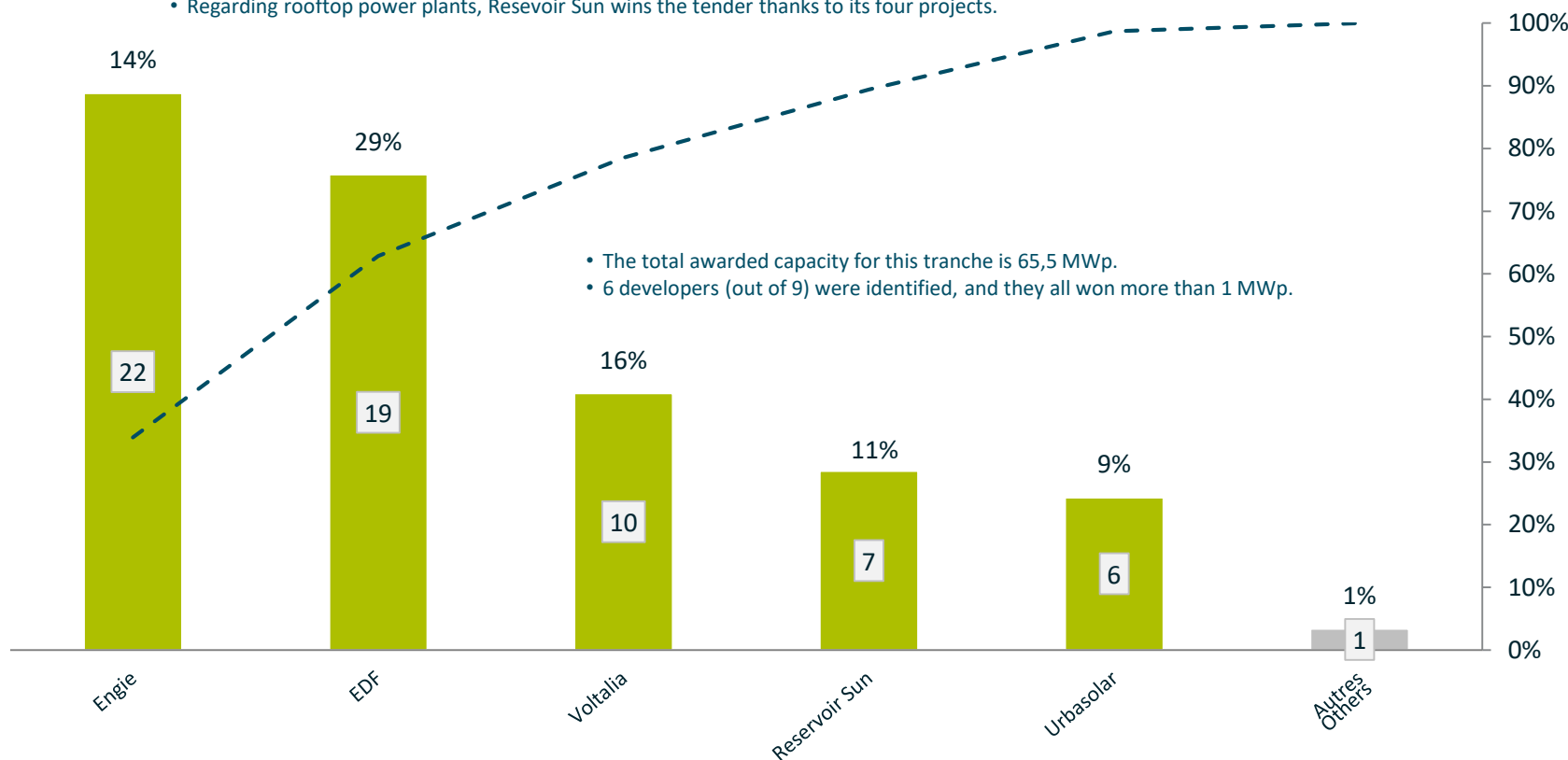
## CAPACITY PER DEVELOPER

Results published on **September 27<sup>th</sup>, 2019**

SOURCE: FINERGREEN ANALYSIS



- Thanks to their projects of ground-mounted photovoltaic power plants, Engie, EDF (EDF Renouvelables) and Voltalia logically rank first.
- Regarding rooftop power plants, Reservoir Sun wins the tender thanks to its four projects.



*N.B. 1 : Finergreen was unable to match all the winning projects to their corresponding developer (0,85 MWp of the total awarded capacity has not been assigned to specific developers). Please get in touch with us if you wish to see any information adjusted.*

*N.B. 2 : This graph shows the cumulated projects capacity awarded to each developer; note that the developer might not be the final owner of the plant.*

*N.B. 3 : Engie includes Engie Green ; EDF includes EDF Renouvelables and EDF ENR ; Reservoir Sun, Engie's and GreenYellow's subsidiary, stands alone.*



# FESSENHEIM SOLAR TENDER 1 – PER GROUP

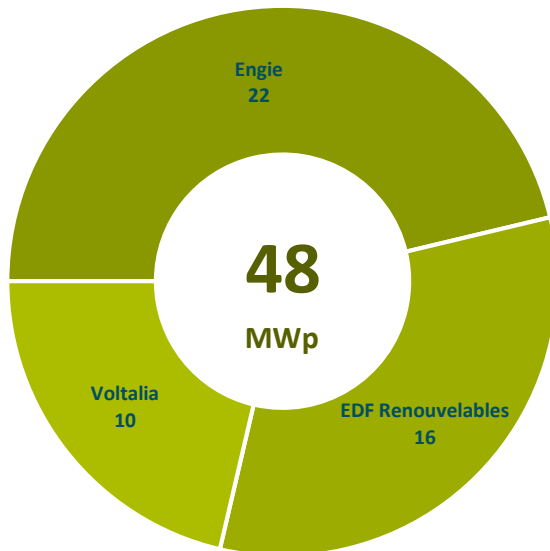
## CAPACITY PER DEVELOPER

Results published on September 27<sup>th</sup>, 2019

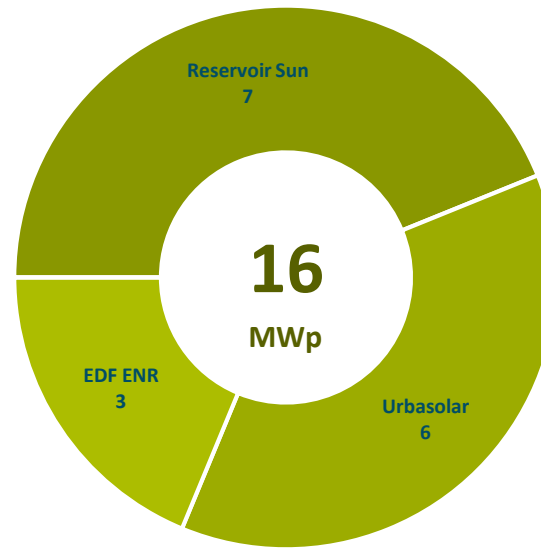
SOURCE: FINERGREEN ANALYSIS



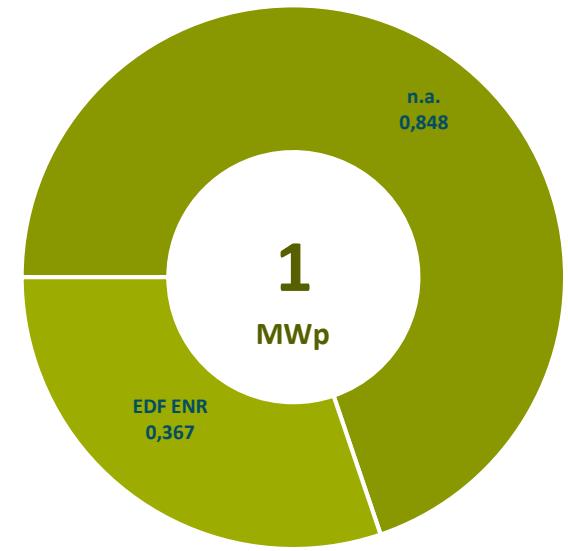
### GROUP 1 (500-30000 kWp)



### GROUP 2 (500-8000 kWp)



### GROUP 3 (100-500 kWp)



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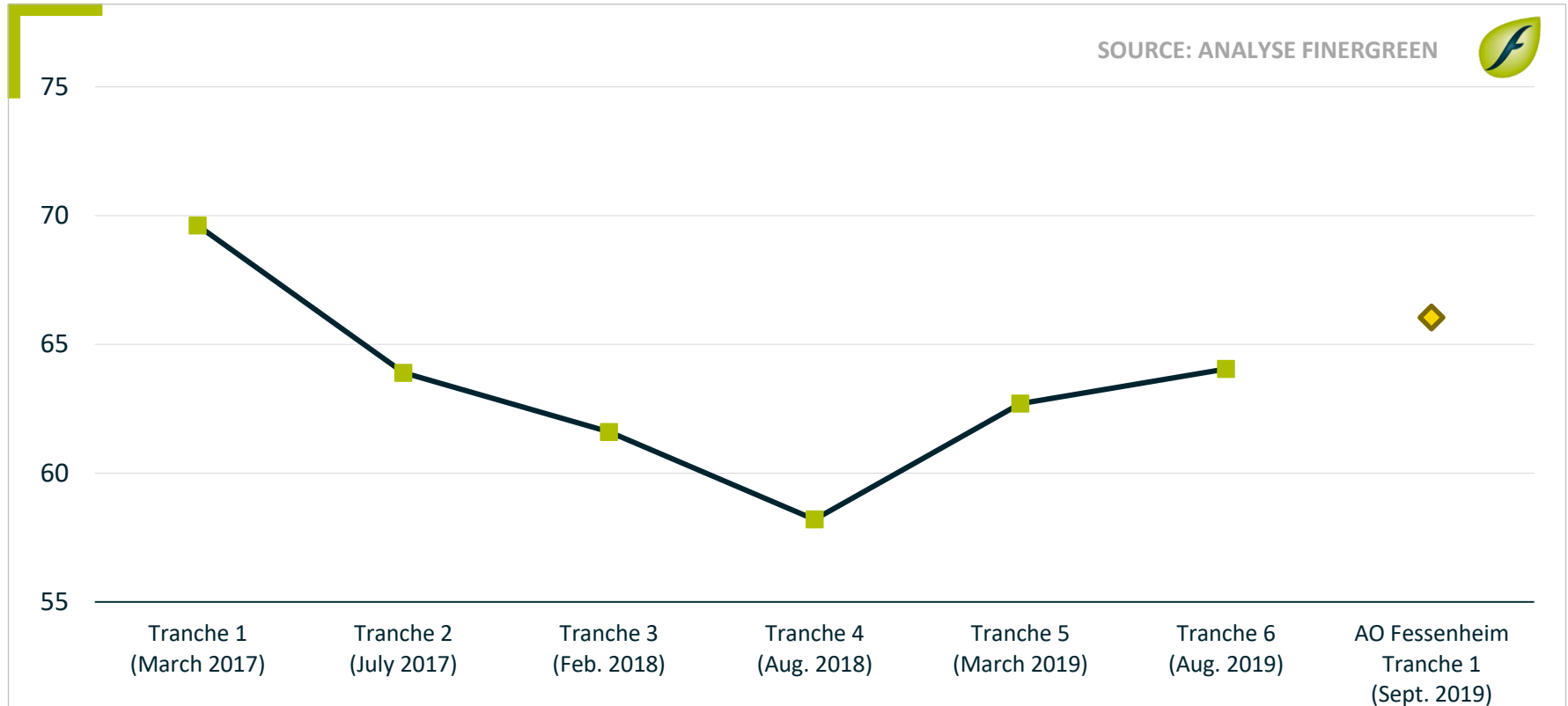
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# FESSENHEIM SOLAR TENDER 1 – TARIFF

## AVERAGE TARIFF COMPARED TO THE LAST TENDERS FOR GROUND-MOUNTED SOLAR PLANTS



- ✓ We notice that the average tariff for the winning projects is in line with the tariffs of the recent national tenders, despite its geographic specificity.
- ✓ The slight increase of the tariff compared to tranche 6 of CRE4 ground-mounted solar plants tender is not meaningful as Fessenheim Solar Tender 1 also includes small rooftop installations (1,2 MWp) whose tariffs are necessarily superior to the ones of ground-mounted power plants. Thus, it distorts the weighted average.



# CONTACTS

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