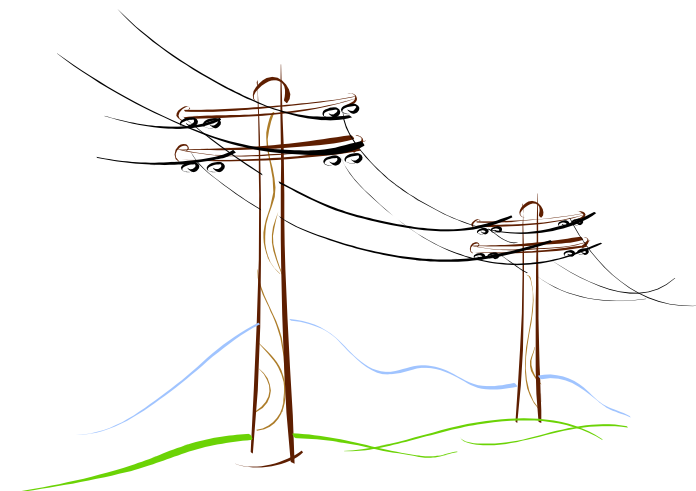




# OPERATION OF THE ELECTRICITY DISTRIBUTION GRID AND BIRDS CONSERVATION – HOW THEY COMBINE?!

*LIFE16/NAT/BG/000612*



30 June 2021  
Sofia, Bulgaria

Mariya Georgieva

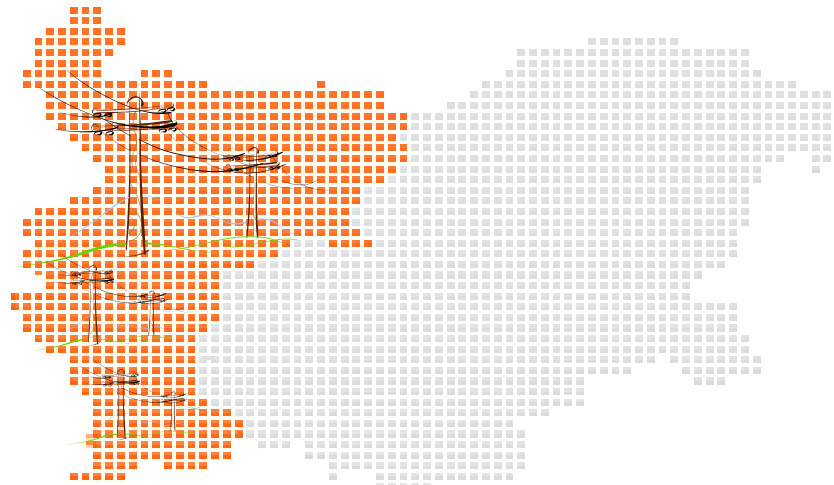
# CEZ DISTRIBUTION BULGARIA AD



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□ The company's activities are:

- distribution of electricity on the territory of 10 districts in Western Bulgaria including the capital - Sofia;
- operation and management of the electricity distribution grid;
- construction of new installations for distribution and measurement of electrical energy and maintenance of existing facilities and facilities



# PROBLEMS



***Electricity infrastructure is critical for bird's life!***

The diagram features a large orange oval on the left. Inside the oval, at its horizontal center, is a white rectangular box with a thin orange border containing the text 'Main problems:'. To the right of this oval are three horizontal, light-gray arrow-shaped boxes pointing to the right. Each of these three boxes has a thin orange border and contains a text label. The boxes are stacked vertically with small gaps between them.

## Main problems:

Collision with overhead powerlines

Electrocution

Nesting of birds on electricity poles

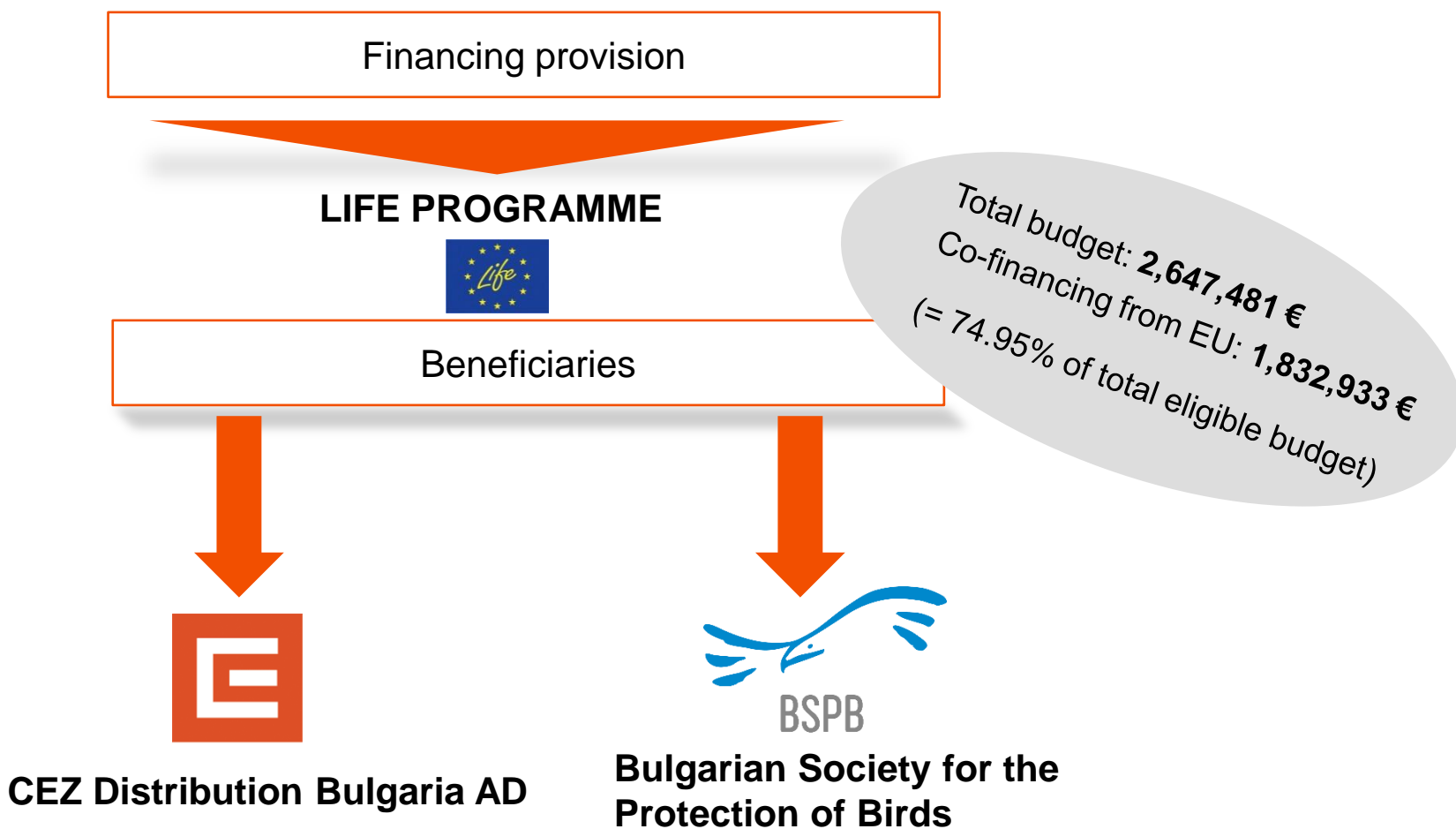
# BIRD PROTECTION MEASURES



## Technical solutions



# LIFE BIRDS ON POWER LINES




# PROJECT GOALS

## *LIFE16NAT/BG/000612*

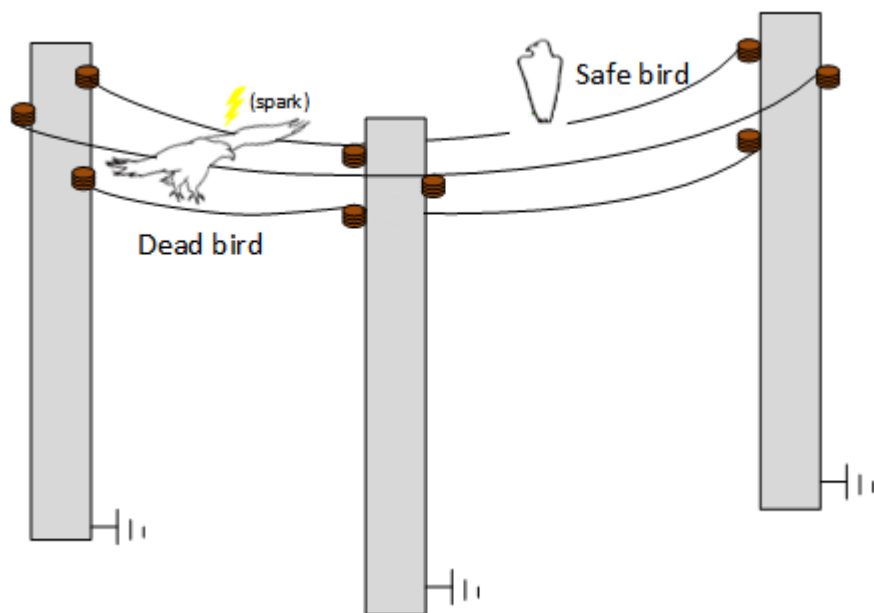


### MAIN GOALS

- 
- Conservation of the populations of endangered bird species by reducing the mortality caused by electric shocks and collision with overhead power lines
  - Secure the White Stork' nests in Western Bulgaria
  - Reducing the conflict wild birds - power lines and providing more reliable power supply



# BIRD-FRIENDLY PROTOTYPE POLES



- ❑ Development of standards for bird-friendly power lines
- ❑ Development, production and testing of bird-friendly prototype pylons:
  - ❑ Lattice-type steel pylons - 20 pcs
  - ❑ Concrete poles - 20 pcs

# LIFE BIRDS ON POWER LINES



**T** – together  
**E** – everyone  
**A** – achieves  
**M** – more



# HOW TO FIND US?



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