



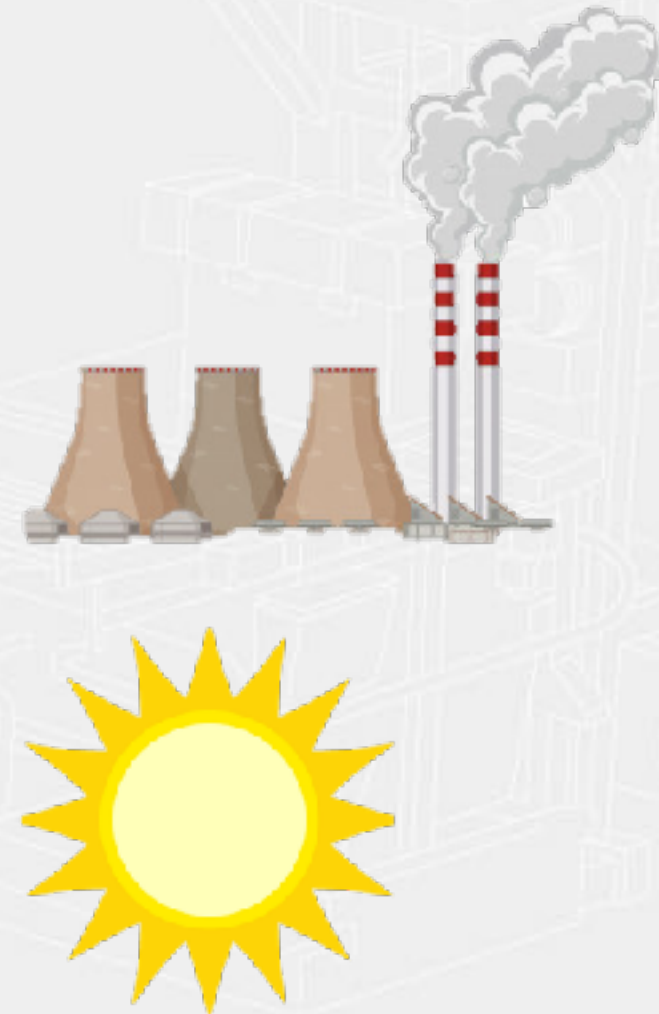
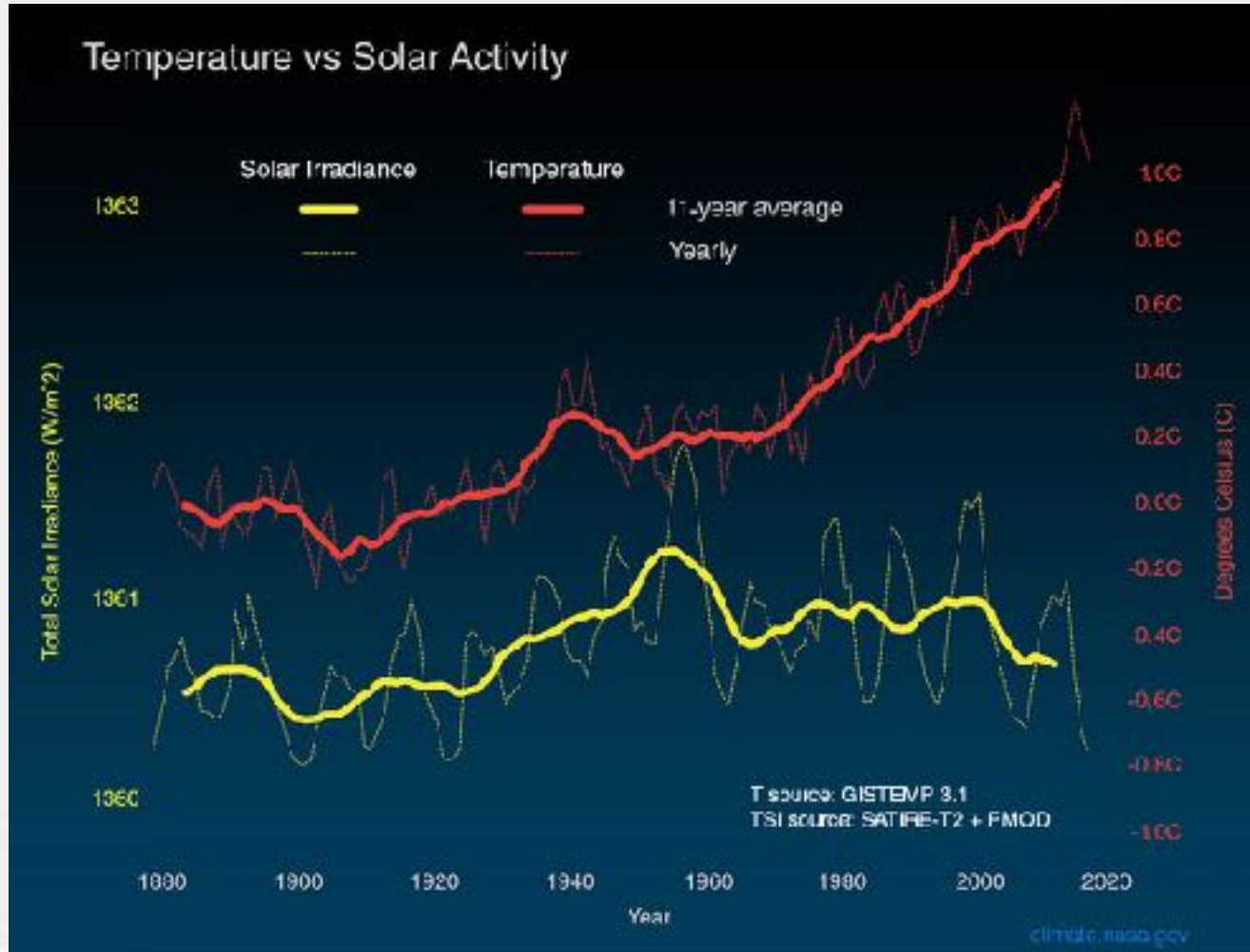
# RECYCLING AND CLIMATE SUSTAINABILITY

IT'S IN OUR NATURE TO RECYCLE

Constantin Damov, Bucharest, November 2019



# WARMER EARTH



([https://climate.nasa.gov/climate\\_resources/189/graphic-temperature-vs-solar-activity/](https://climate.nasa.gov/climate_resources/189/graphic-temperature-vs-solar-activity/), 2019)



# CARBON SEQUESTRATION

**2018:**

- GLOBAL CARBON EMISSIONS TO HIT **37,8 BN TONNES**

- **2,7% RISE**

**THE WORLD FORESTS** ABSORB **ONLY A THIRD** OF GLOBAL EMISSIONS EVERY YEAR.



# CIRCULAR ECONOMY

**Circular Economy is targeting material recovery, energy savings, lowering CO2 emissions**

**Current situation:**  
Instead of cutting emissions, humans released more CO2 in 2019 than ever before, according to the annual Global Emissions Gap Report

**Recycling, a workable solution!**



# VOLUNTARY CARBON MARKET

## Based on voluntary offsets

### Possible Stages of an Offset:

- Project Idea Note
- Project Design Document
- Validation
- Verification
- Issuance
- Transaction(s)
- Retirement

**REDUCING AND HELPING OTHERS  
TO REDUCE**





# GREEN GROUP FACTS AND NUMBERS

GREEN GROUP is the first European company which obtained GOLD STANDARD quality label carbon credits for its waste recycling.

**Fiber Production capacity: 80,000 tons/ year**

Annual CO2 emission reduction is up to **100,000 tons/year**

**2019** – first **60,000** were issued and put on Voluntary Carbon Market

**CO2 reduction – 75%**

**CARBON NEUTRAL FIBER PRODUCTION**



The Gold Standard<sup>®</sup>  
Premium quality carbon credits

# GREEN GROUP CASE

## Recycling vs. Chemical Industry



1 ton of Polyester Fiber made of  
PET virgin granules -> **4 x CO2**

1 ton of Polyester Fiber made of  
recycled PET flakes-> **1x CO2**







**THANK YOU!**

Constantin Damov, CEO & Chairman Green Group

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