

Energy engineer:

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ESZ-199/2019.



## ENERGY REPORT 2023.

**Verarbeiten Pausits Kft.**  
9228 Halászi, Püski utca 1.



This annual report was prepared on the basis of the monthly energy reports in accordance with Article 122/2015. (V.26) Government Decree.

The CO2 emission calculations were made on the basis of Government Decree 410/2012 (XII.28.) and Commission Implementing Regulation (EU) 2018/2066.

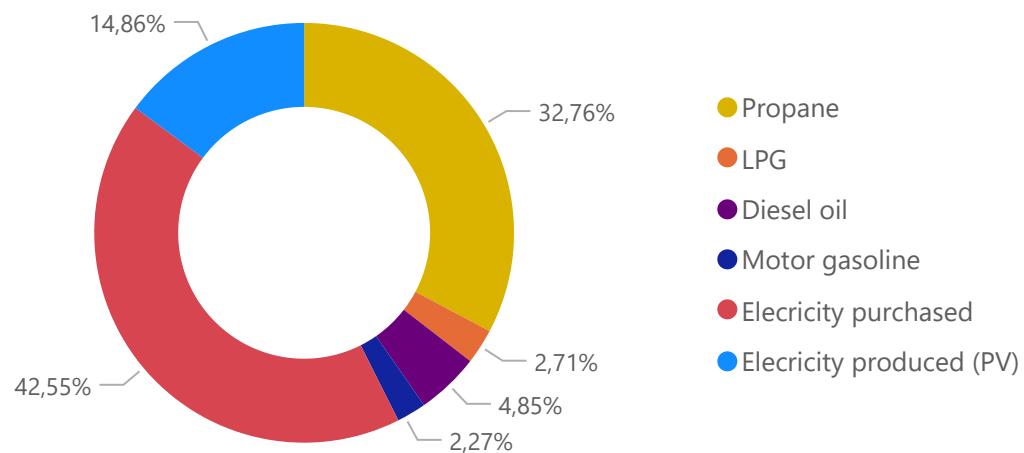
# 1. ENERGY CONSUMPTION

# 2 417 086

Annual energy consumption [kWh]

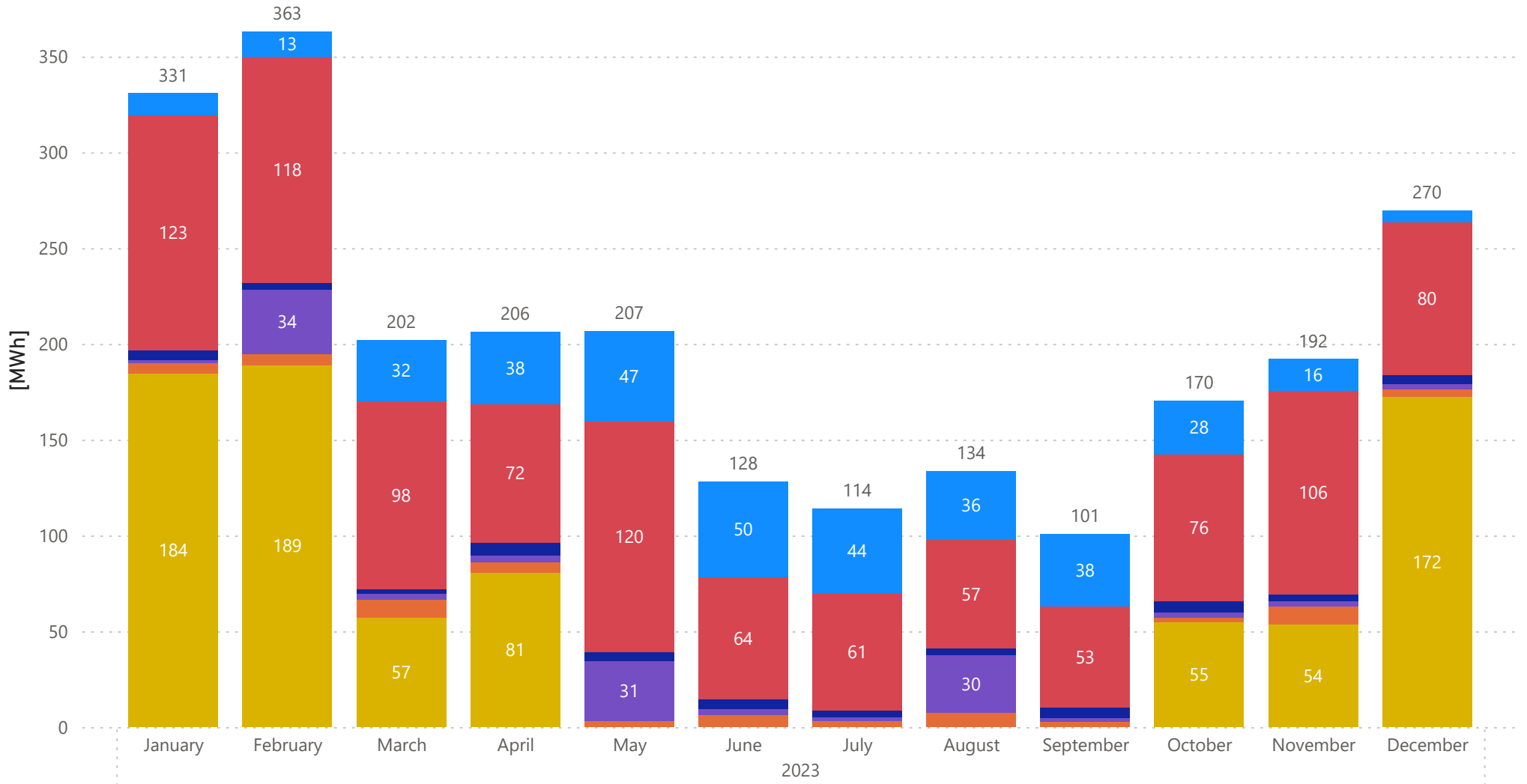
Propane [kWh]	LPG [kWh]	Diesel oil [kWh]	Motor gasoline [kWh]	Electricity purchased [kWh]	Electricity produced (PV) [kWh]
791 776	65 500	117 330	54 844	1 028 557	359 080

Energy consumption by type [kWh]



# Monthly energy consumption by type

● Propane ● LPG ● Diesel oil ● Motor gasoline ● Electricity purchased ● Electricity produced (PV)



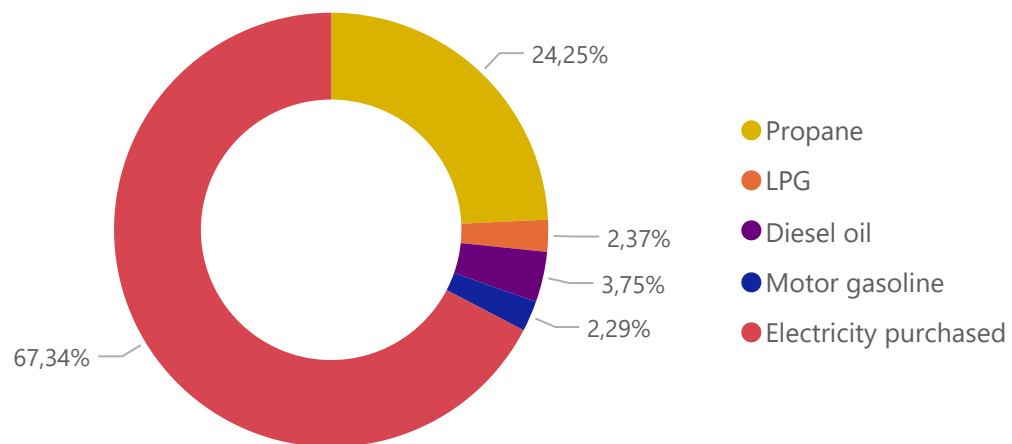
## 2. ENERGY COSTS

# 146 855 553

Annual energy costs [HUF]

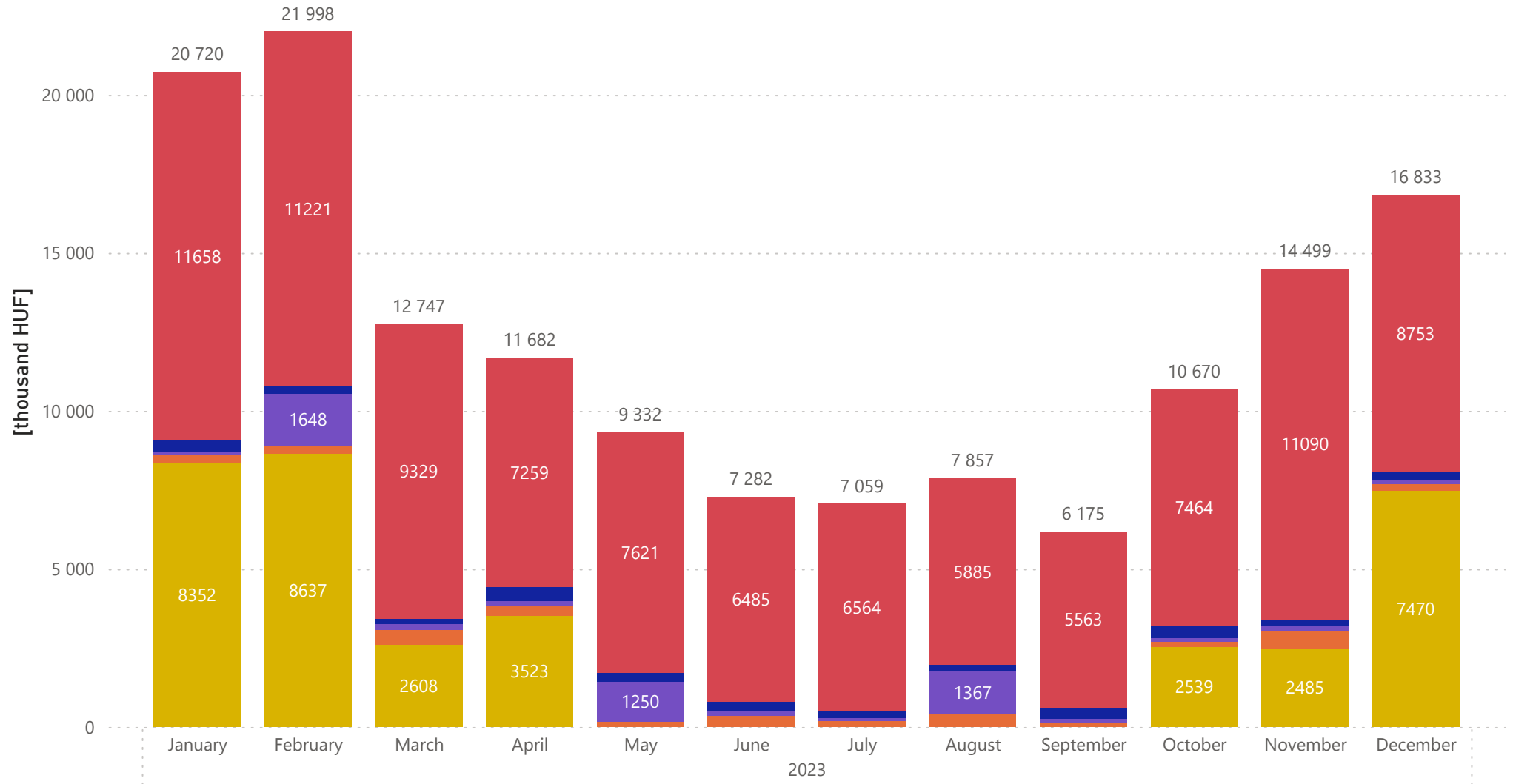
Propane [HUF]	LPG [HUF]	Diesel oil [HUF]	Motor gasoline [HUF]	Electricity purchased [HUF]
35 614 327	3 487 485	5 502 671	3 358 863	98 892 207

Energy costs by type[HUF]



## Monthly energy costs by type

● Propane ● LPG ● Diesel oil ● Motor gasoline ● Electricity purchased



### 3. CO<sub>2</sub> EMISSIONS

1 196

Annual CO<sub>2</sub> emissions [tCO<sub>2</sub>]

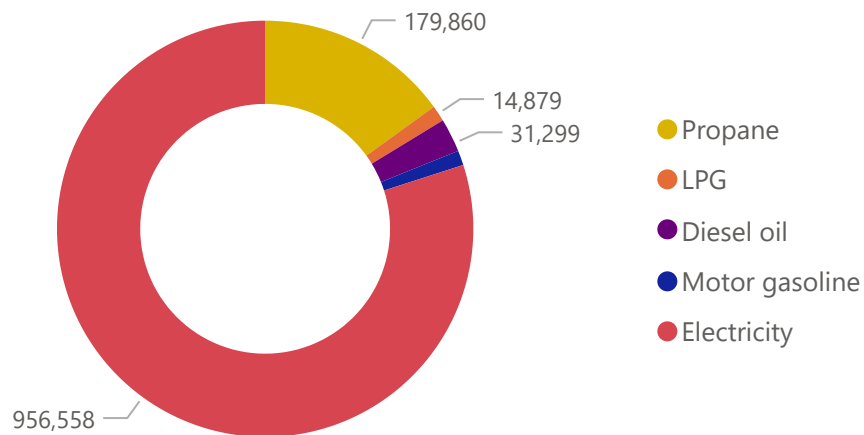
0,294

Annual CO<sub>2</sub> emissions per production [tCO<sub>2</sub>/t]

CO<sub>2</sub> emissions by energy type [tCO<sub>2</sub>]

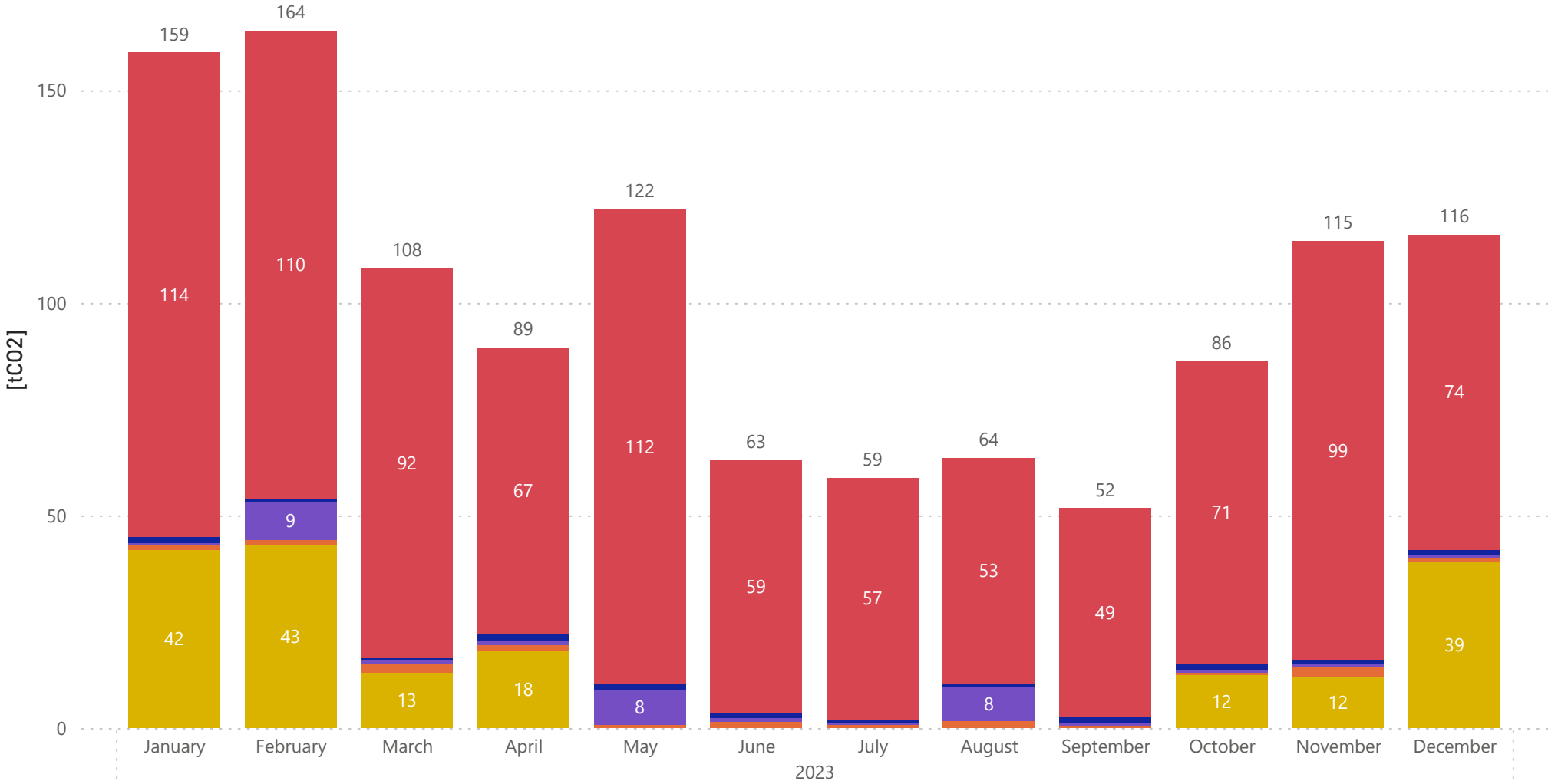
Propane	LPG	Diesel oil	Motor gasoline	Electricity
179,86	14,88	31,30	13,68	956,56

CO<sub>2</sub> emissions by energy type [tCO<sub>2</sub>]



# Monthly CO2 emissions by energy type

● Propane ● LPG ● Diesel oil ● Motor gasoline ● Electricity



## 4. ENERGY STRATEGY SUMMARY



### Energy modernizations implemented

- 2020. Lighting: old luminaires replaced with LED in offices and production halls
- 2022. Electricity generation: installation of a 600 kWp photovoltaic system

### Actions implemented

- Support the use of public transport: 86% reimbursement for travelling to work
- Prioritising the use of gas and electric forklifts instead of diesel forklifts

### Recommendations to reduce energy use and GHG emissions

- Control corridor lighting with motion sensors
- Logging and analysis of data from existing operating hour counters and submeters
- Installation of submeters on high-power machines, logging their consumption
- Optimizing machine uptime based on consumption data
- Examine the possibility of photovoltaic system expansion
- Promoting environmentally-friendly modes of transport: encouraging cyclists to work, building covered bicycle storage

