# Cres-Losini Croatia

## Cres-Lošinj in a nutshell

#### The largest archipelago in the Adriatic

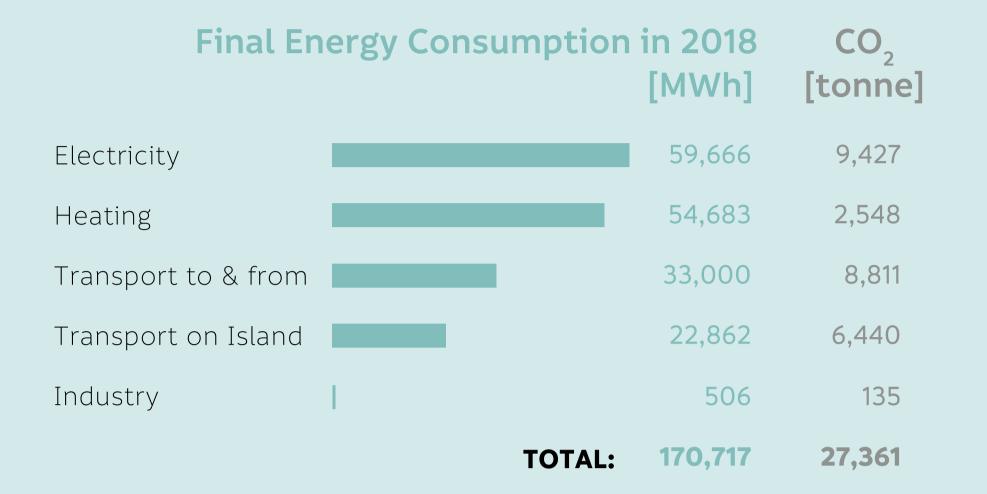


Located in the Kvarner Bay, in the northern part of the Adriatic sea 34 islands, islets, mounds and reefs

#### Population increases by 200% during the summer

Permanent population: 10,995 Peak during the summer months: 33,588

## **Energy System Description**



#### Well connected by boat with Krk and mainland



6.5 km to Krk 25 min by boat

#### Tourism is the main economic activity



Although construction has become more important in the last years

## Stakeholder mapping

#### **Civil society**

Kvarner Islands (action group) Vela Vrata (fisheries group) The Blue World Institute (research) Island movement (coop. platform) Cres renters association Terra Hub association

#### **Business sector**

Jadranka Cresanka Lošinj shippping-holding Autotrans ACI Marina PZ Cres PZ Loznati Drazica Plus Secrets of Cres

#### Electricity

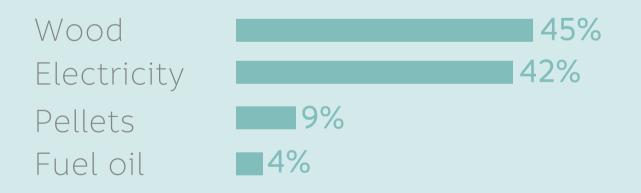
Interconnected with mainland via Krk

Peak consumption: 26 MW

Total installed solar photovoltaic capacity of 714 kW.

### Heating

Households' heating is dominated by wood and electricity:



#### Transport on the island

Passenger cars fuelled by diesel and gasoline dominate road transport.

#### **Public sector**

Town of Cres Town of Mali Lošinj Primorje-Gorski Kotar County REA Kvarner (Regional Energy Agency)

Regional Planning Institute Mali Lošinj Tourist Board Cres Tourist Board Open University Mali Lošinj

#### Academia

Faculty Naval Architecture University of Zagreb Faculty Engineering University of Rijeka Frane Petrić Elementary School - Cres Mario Martinolić Primary School - Mali Losinj Kindergarten Girice Kindergarten Cvrčak

#### Transport to and from the island

The vessels connecting Cres-Losinj with mainland are powered by diesel engines.

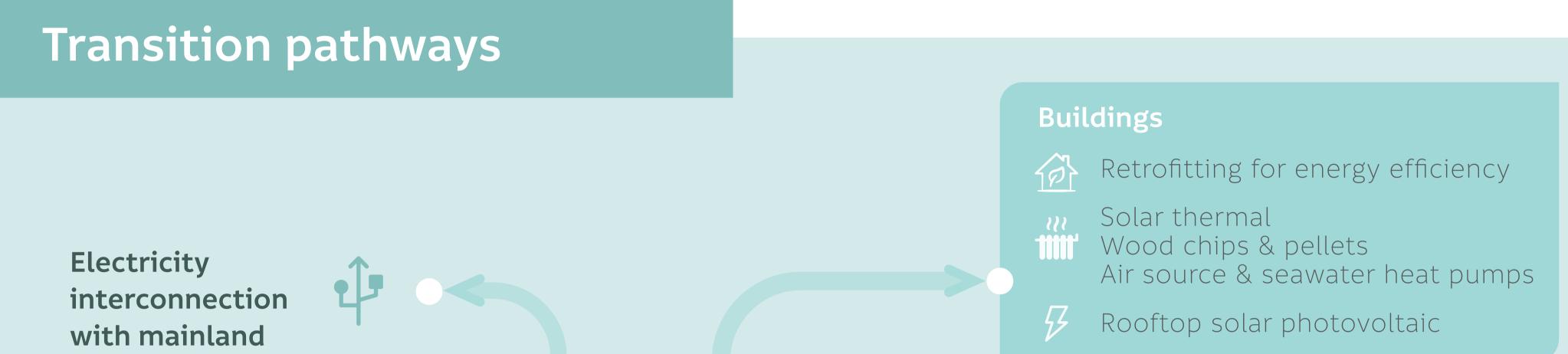
#### There are:

2 car-ferry lines (up to 17 departures in summer). 2 fast catamaran lines (departures once a day).

CLEAN ENERGY FOR EU ISLANDS

# Vision

The Cres-Lošinj archipelago is smart and energy-efficient. The local community is energy literate and actively involved in the energy transition. This will enable complete decarbonisation by 2040.



#### Road transport

E-bike sharing system Electric public vehicles Electric buses for public transport **7** 

#### Maritime tranport

Electric + LNG ferries E Electrification of small boats

Amend criteria for grants Adapt legislative framework

#### Raise awareness among citizens

Information campaigns

### **Transition governance**

To provide half of electricity consumption

Solar

photovoltaic:

Installation of 22.5 MW

New spatial planning for solar PV



Island development Agency (OTRA) Town of Cres

