

# 2024 Global Methane Forum

## Mobilizing Methane Action

18-21 March 2024, Geneva, Switzerland

# Regional Methane Action Showcase: Southeast Europe, Republic of Croatia

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HUGO – Croatian association of waste  
management

# Introduction

- **Population: 3.899.000 (2021 census)**
- **Total area: 56,594 km<sup>2</sup>**
- **Number of islands: 1244**
- **11 years member of EU**
- **Harmonised legislation**



# Introduction

- **1.844.382 t MSW (2022)**
- **10% of waste is from tourism**
- **474 kg/inh (2022)**
- **99.5 % covered with municipal services**
- **46 % separate collection (2022)**



# WM system in Croatia

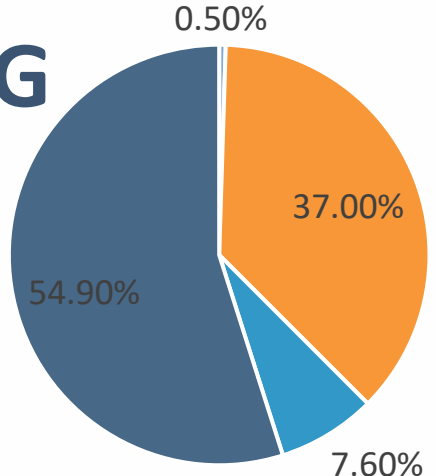
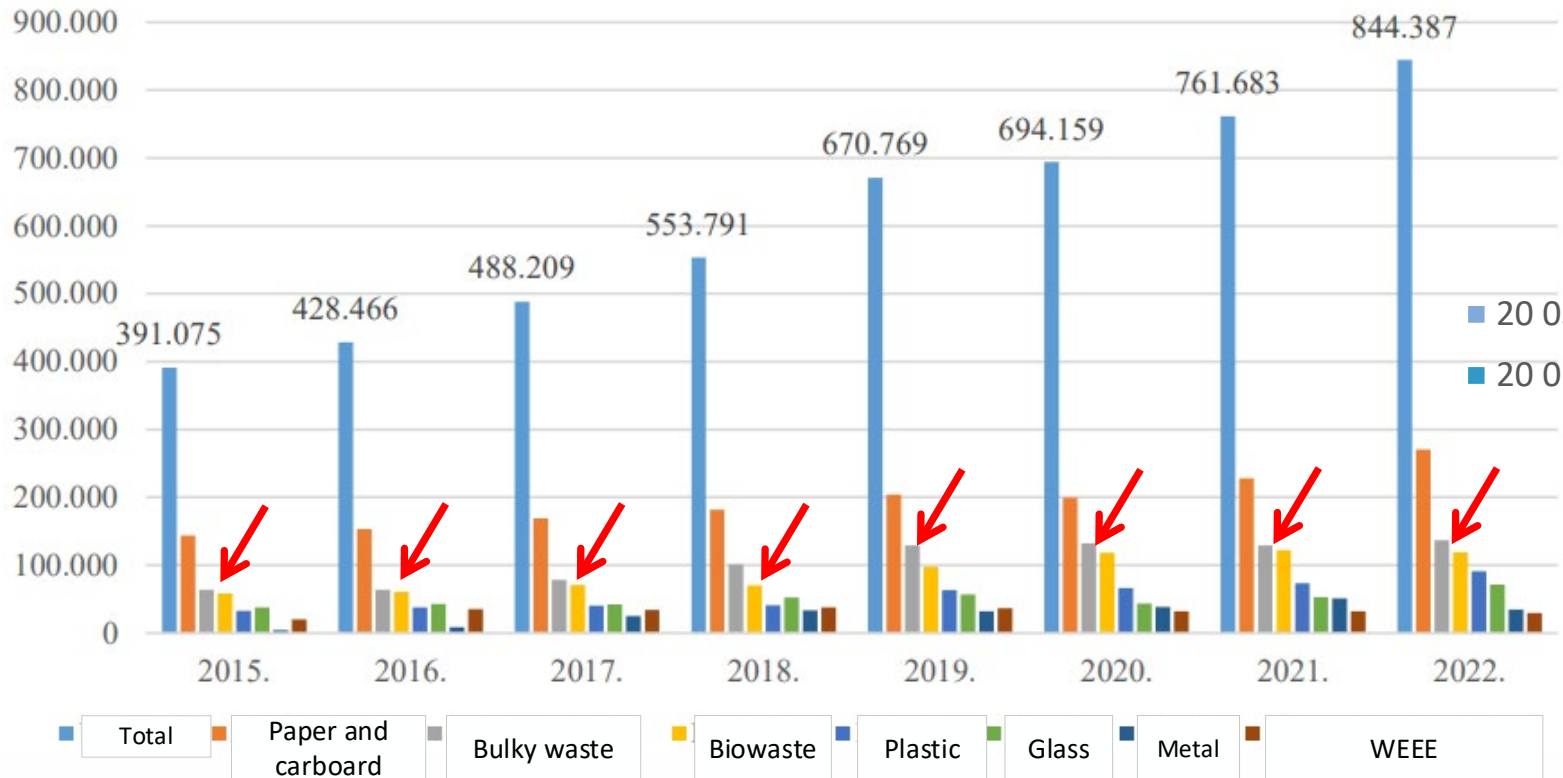
2006

- >600 dumpsites
- No separate collection
- No system
- 6% of GHG was from the WM

2024

- 2024 - 80 landfills (partial methane emission control)
- 4 WMC for mixed MW
- Spatial waste categories system (EPR)
- 9+4 waste sorting plants
- 15 composting plants (small capacities)
- 16 biogas plants
- Many recycling plants

# WM system in Croatia – challenges for GHG

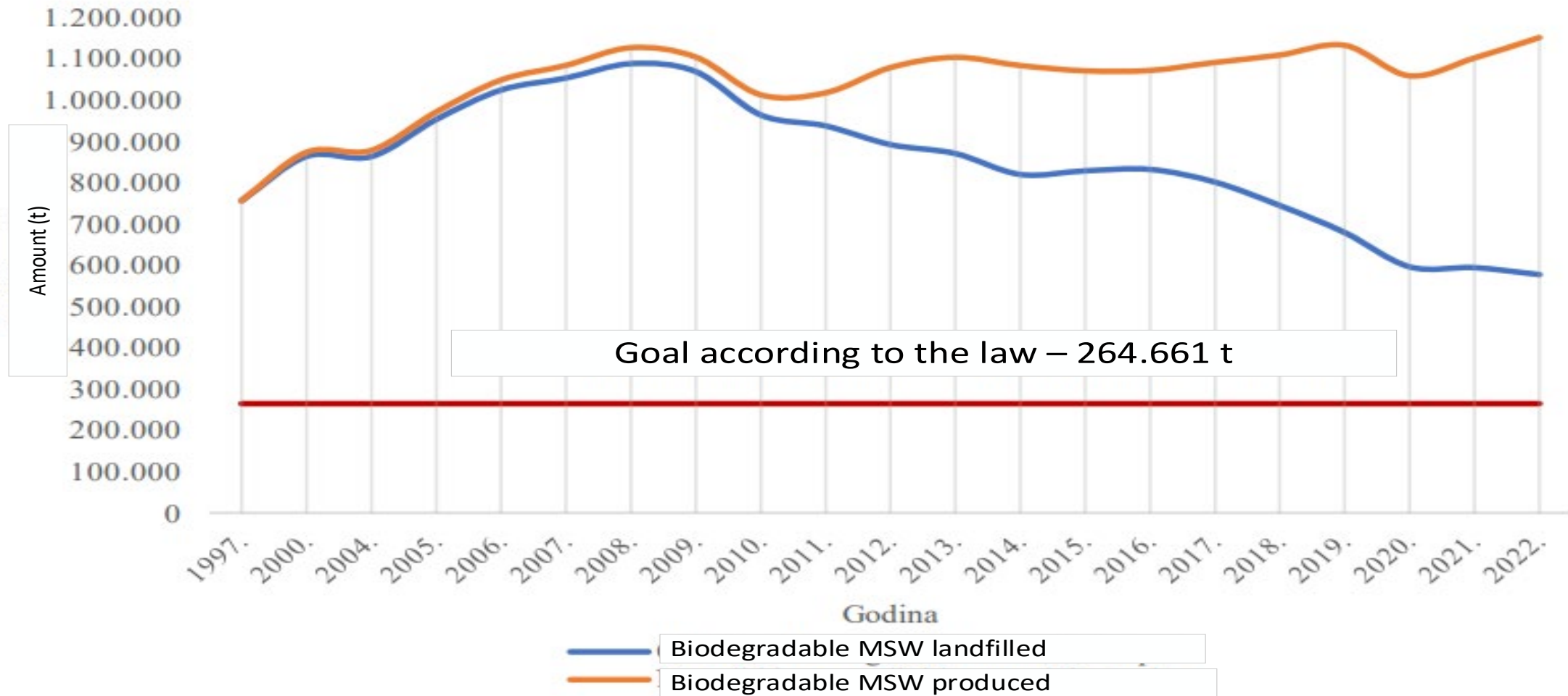


- 20 03 02 market waste
- 20 01 08 kitchen waste
- 20 01 25 oil and fats
- 20 02 01 garden and parks

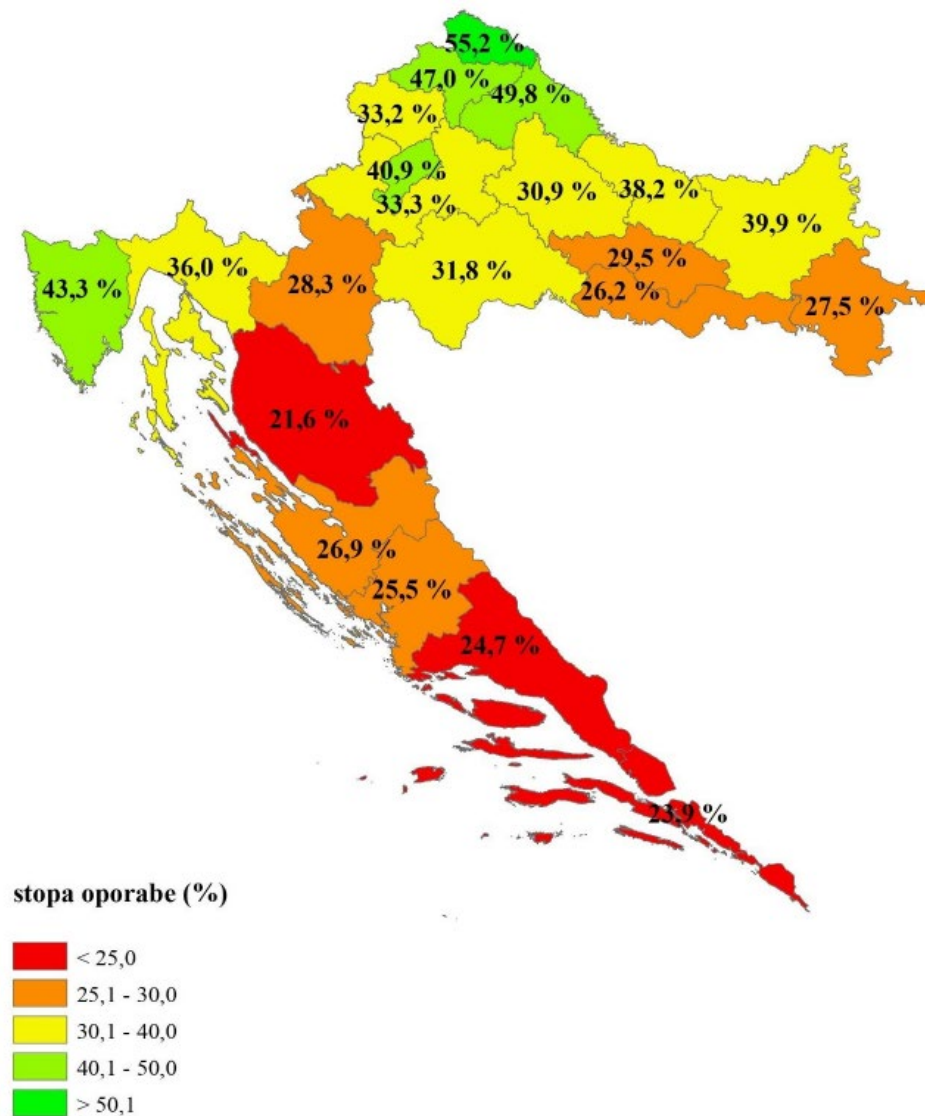
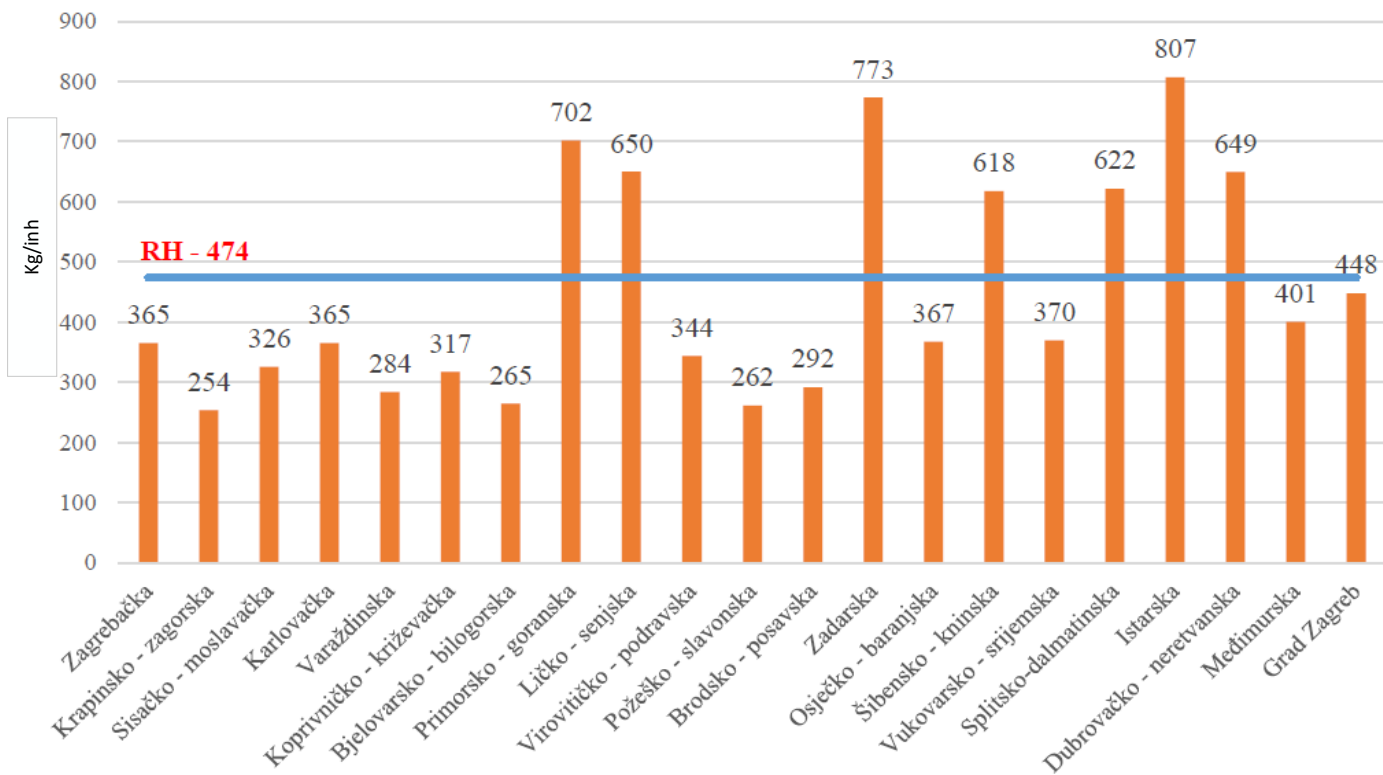
489.404 t  
BIO in MW

118.806 t  
BIO separately collected

# WM system in Croatia – challenges for GHG



# WM system challenges for GHG



Izrada: MINGOR, 2023.

# WM system challenges for GHG

- Lack of capacities for composting
- Lack of capacities for biogas production
- Separate collection of food waste in the coastal area
  - High summer temperatures
  - Tourism
  - City construction (protected areas)
- Food waste in households in general
- Food waste in hotels, restaurants..
- The cost of separate collection
- **Education !**





# Thank you!

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