

USING PRTR DATA TO ENCOURAGE GOVERNMENT AND PUBLIC ACTIVITY TO REDUCE EMISSIONS IN HAIFA BAY AREA



Fig 1. Haifa Bay Industrial Area

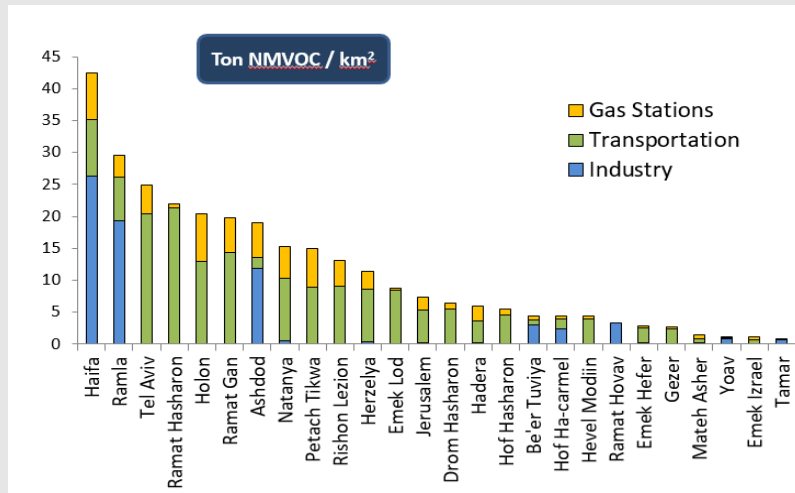


Fig. 2: PRTR 2013 Report (pub. November 2014)
Haifa heads the NMVOC emissions

GOAL

- 2008: 1st plan to reduce emissions in Haifa started to be implemented
- 2013: PRTR report: Haifa heads NMVOC emissions (see fig. 2)
- 2015: PRTR data helped the Ministry of Health during urban planning process in Haifa, stress the redundancy of certain cancer type occurrences in Haifa and emphasize causative relation between these cancer types to air pollution
 - Public organizing and demonstrating against environmental situation
- 2015: National Plan for decreasing air pollutants and diminishing environmental

hazards in Haifa 2015-2020 including:

- reduction of 48% in NMVOC emissions from industry
- Low Emission Zone – restriction on diesel vehicles
- Doubling air sampling
- Addition of 60% in inspection manpower
- Total budget of 66 million euro.

- 2020: Haifa Bay Industry MNVOC emissions decreased by 72%
- 2018: Gov. Study finds it economically feasible and recommends that refineries in Haifa shut down by 2025

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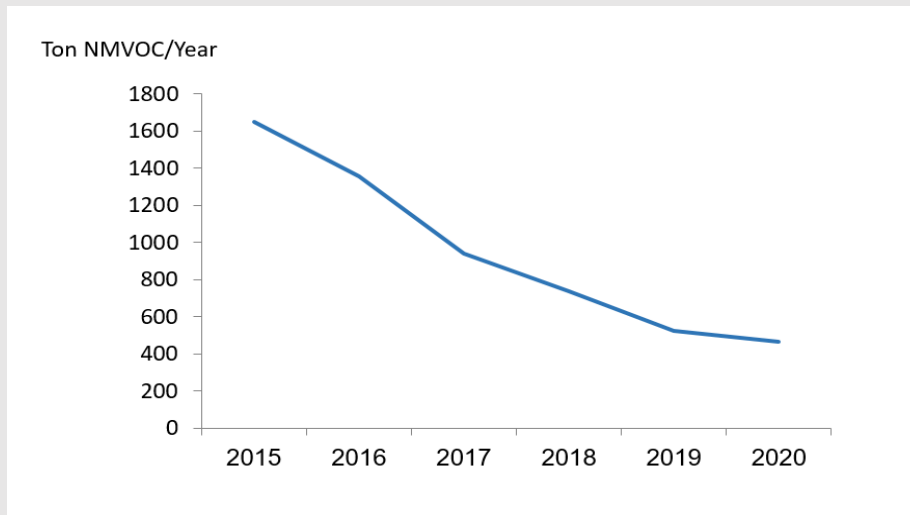


KEY CHALLENGES

- Catch public attention
- Communicate information to the general public in a clear, accurate and professional manner

KEY LESSONS LEARNED

- Publishing information of interest to the public drives complex policy processes.
- Involvement of stakeholders in government and the civilian sector in the PRTR data amplifies their impact.



Implementation of National Plan for Haifa 2015 - 2020

FUTURE STEPS

- Analyze and summarize PRTR data in an annual report that clearly conveys information to the public
- Every year present the PRTR report to environmental NGOs and the media before publication for better understanding and more effective use of data