

International conventions BRS-M

Hazardous Waste



Treatment and disposal

Transboundary movements

Hazardous waste inventory

Basel Convention

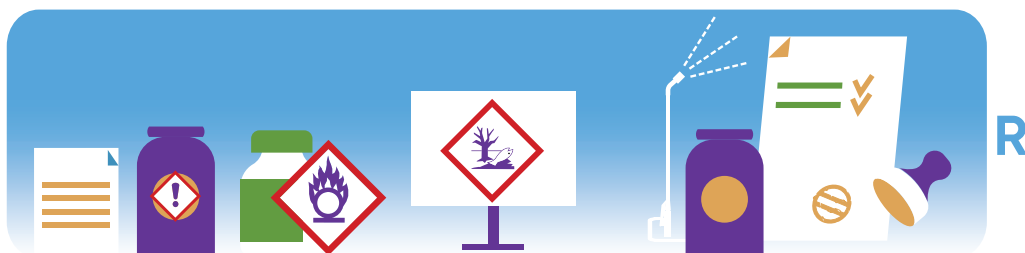
on the Control of Transboundary Movements of Hazardous Wastes and their Disposal



www.basel.int

Palestine joined in 2015

Hazardous Chemicals and Pesticides in International Trade



Labelling and safety data sheet

Reporting and information sharing

Prior informed consent (PIC)

Rotterdam Convention

on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade



www.pic.int

Palestine joined in 2017

Persistent Organic Pollutants



Safe management of POPs stockpiles and waste

Restrict, prohibit or eliminate POPs

Persistent organic pollutants (POPs) inventory

Stockholm Convention

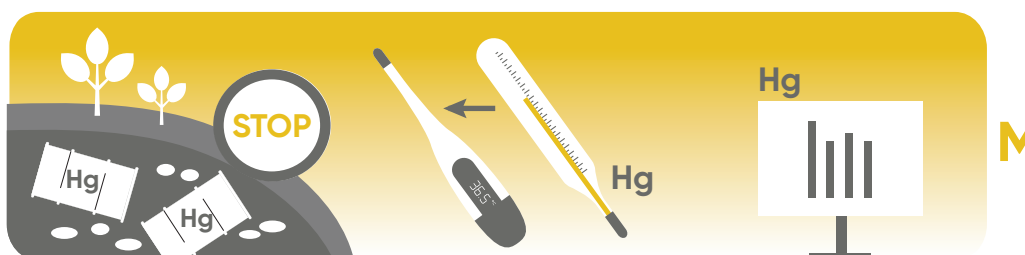
on Persistent Organic Pollutants



www.pops.int

Palestine joined in 2017

Mercury



Safe management of mercury waste, control of releases

Phase-out or phase-down of mercury use

Mercury assessments and action plans

Minamata Convention

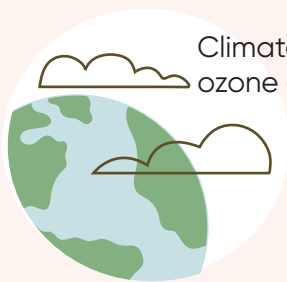
on Mercury



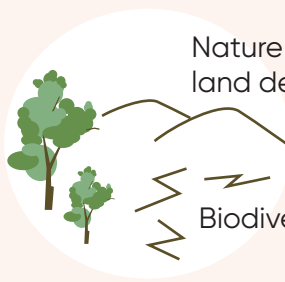
mercuryconvention.org

Palestine joined in 2019

Triple planetary crisis



Climate disruption
ozone depletion



Nature and
land degradation

Biodiversity loss



Pollution, waste
and chemicals

Environment Quality Authority (EQA) engagement in waste and chemicals



Public awareness,
education and advocacy
on waste, chemicals and
environmental issues



Representation of Palestine
in the multilateral environmental
agreements, focal point to the
BRS and Minamata Conventions



Hazardous waste and
chemicals policy,
regulations and
compliance

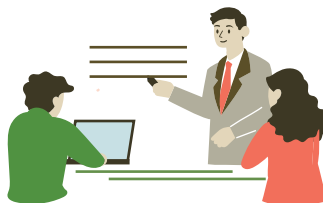
Inter-agency cooperation and involvement on waste and chemicals

Central Bureau of Statistics



Data and statistics on economy,
population and the environment

Ministry of National Economy



Planning, economic activity
regulations and licensing

Ministry of Local Government



Municipal waste
management and inventory

Ministry of Health



Regulations on health protection
health surveys

Ministry of Agriculture



Regulations on agricultural
chemicals and safety

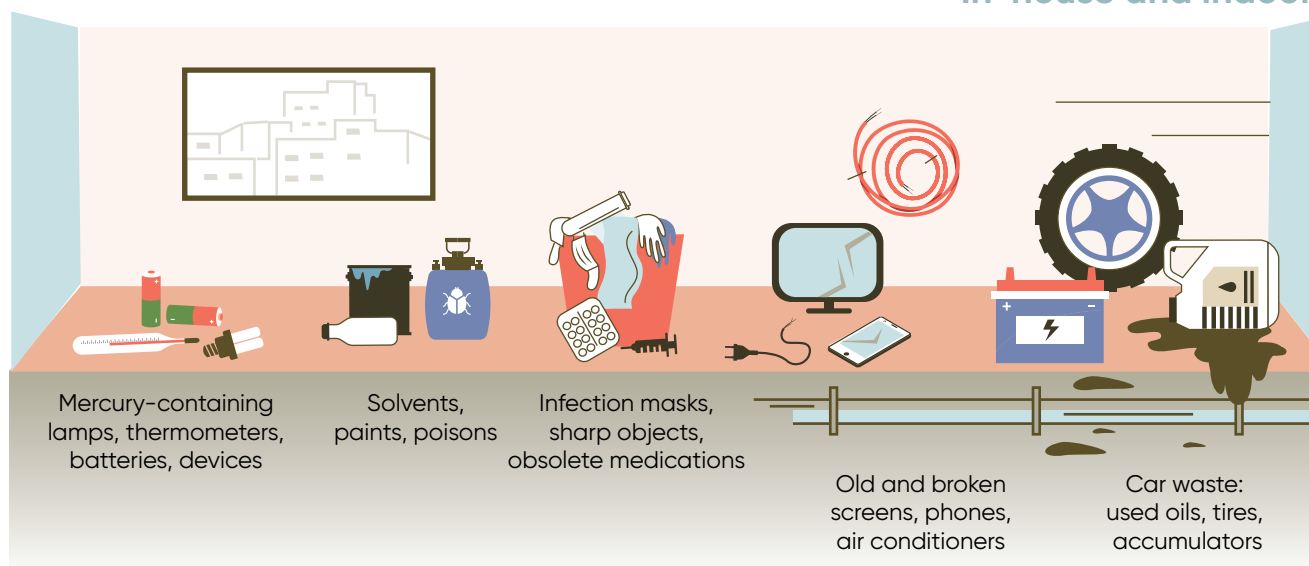
Ministry of Interior: Civil Defence and Customs Police



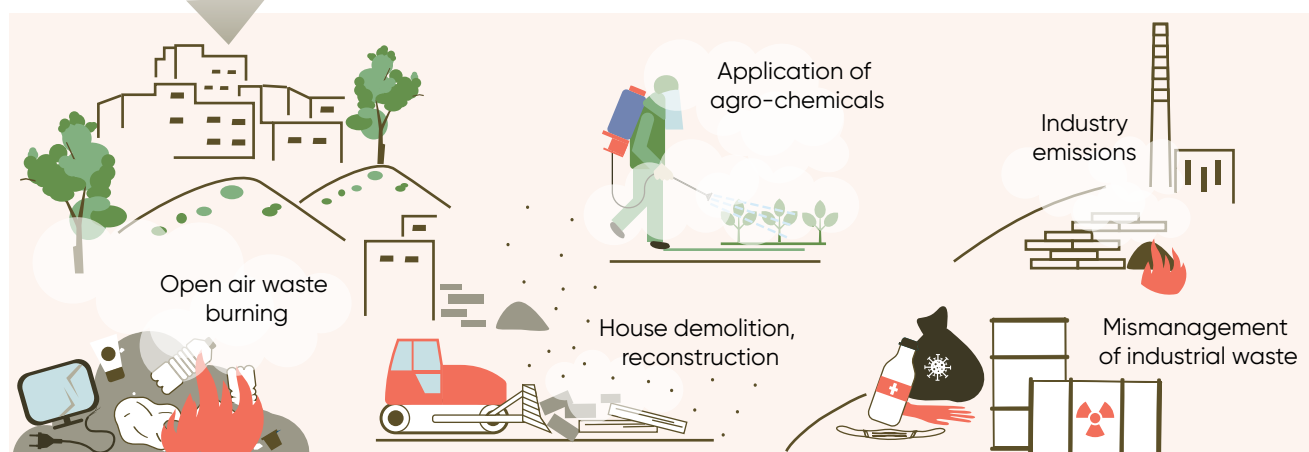
Inspecting shipments of hazardous
waste and chemicals, emergency
preparedness and response

Sources of and exposure to hazardous waste and chemicals

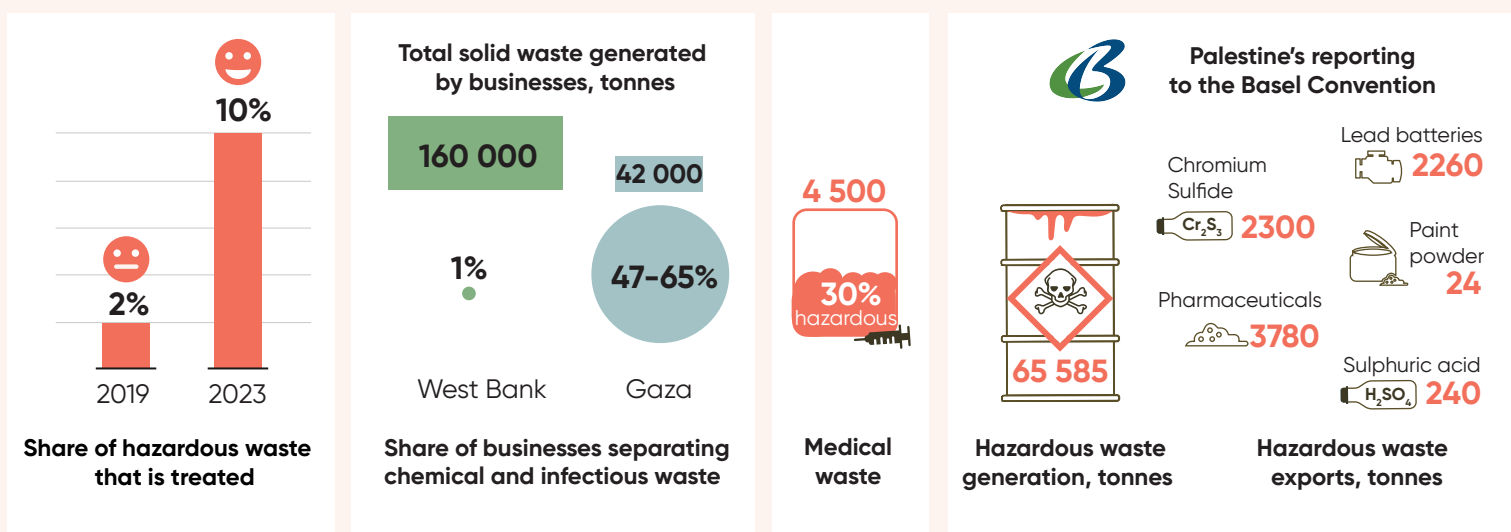
In-house and indoor



Outdoor and professional activities



Hazardous waste facts for Palestine



Information based on national statistics and Palestine reporting to the Basel Convention, 2021-2023

Youth and women engagement



Collection of paper for recycling, organic waste for composting



Clean up of streets and streams from plastic packaging waste



Research on biodegradable materials, recyclable packaging with minimal waste



Waste management and recycling education



Data collection and reporting on SDGs and BRS conventions



Inspection of hazardous chemicals and waste handling in car workshops and industries



Waste recycling habits at home and in the community



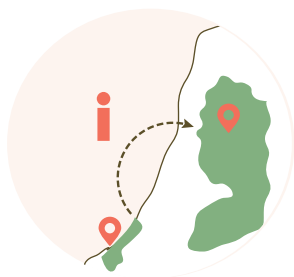
Responsible consumption to minimise waste and reduce health risks



Palestine's special circumstances, constraints and ways forward



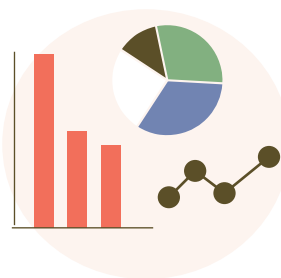
Limited access to the international sources of funding for hazardous waste and chemicals inventory and solutions



Country's fragmentation into two parts with different governance nuances



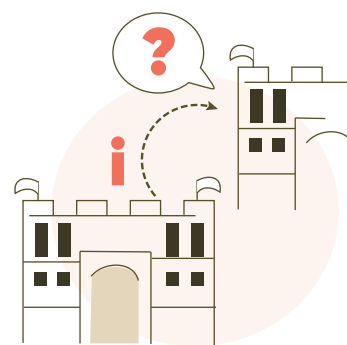
Israel controls Palestine's borders and permissions for export and installations



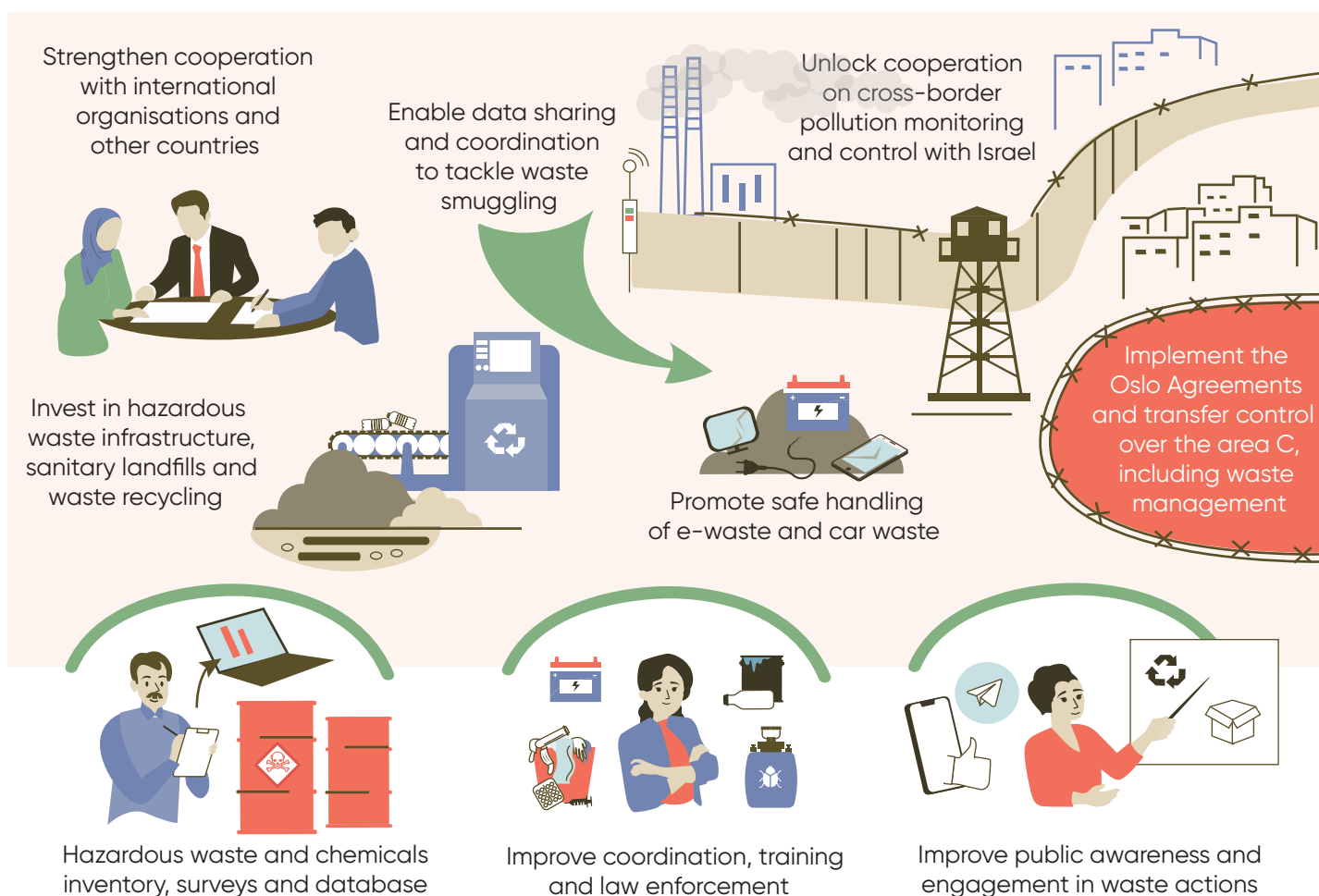
Lack of statistics and information on hazardous waste and chemicals



Limited capacity of staff and weak legislation enforcement

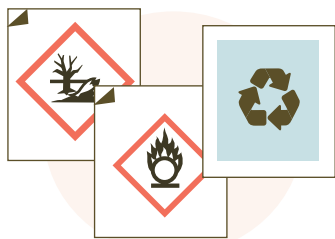


Limited inter-institutional coordination and data exchange

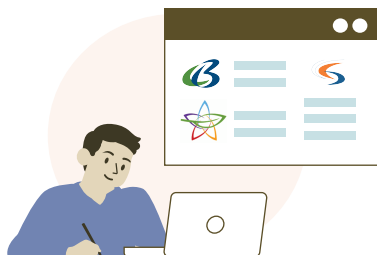


Basic solutions to pollution, hazardous waste and chemicals

UNEP Special Programme project supporting Palestine



Public awareness materials and information on waste and chemicals



Training and capacity building



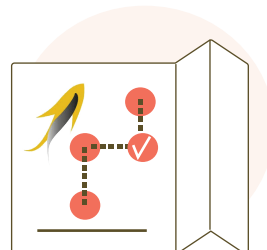
Inter-institutional collaboration



Improving reporting within the country and for the BRS conventions



International cooperation and experience exchange



Initial steps on mercury under the Minamata Convention

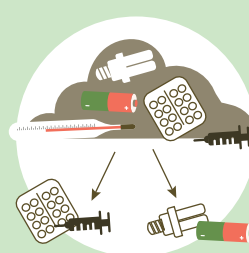
National solid waste management strategy



Effective legislation, strong institutions, incentives for recycling



Environmentally sound management of solid waste, infrastructure for recycling



Suitable management of medical, hazardous and special waste

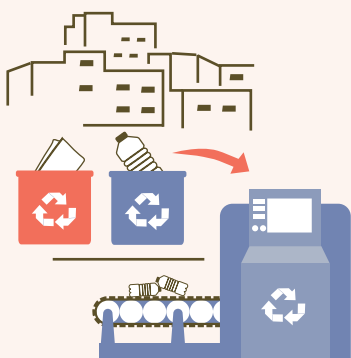


Public awareness, information and reporting on waste

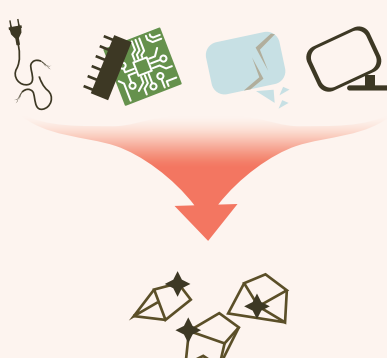
Pollution risk reduction, transition to green economy



Biological methods of crops protection, organic agriculture



Solid municipal waste sorting, recycling and minimisation



Safe recycling of e-waste, re-use of critical materials

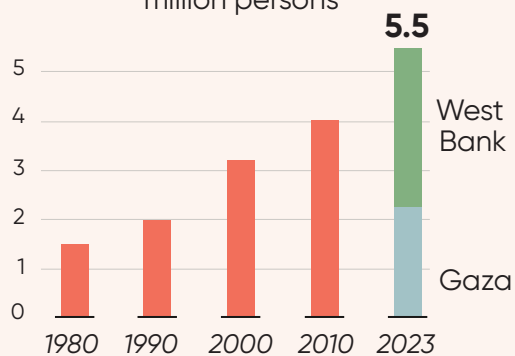


Incentives for green industries and zero waste products

Selected numbers and interesting facts on waste

Population growth in Palestine

million persons



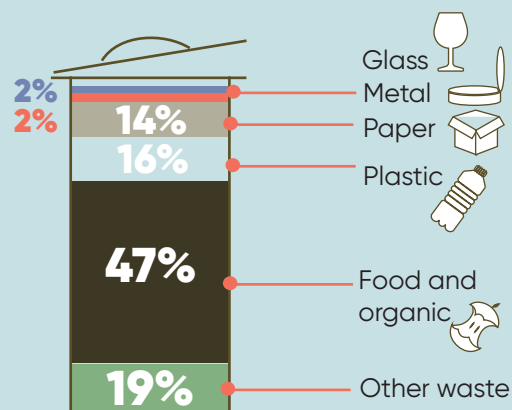
Solid waste generation

per person per day

tonnes per year



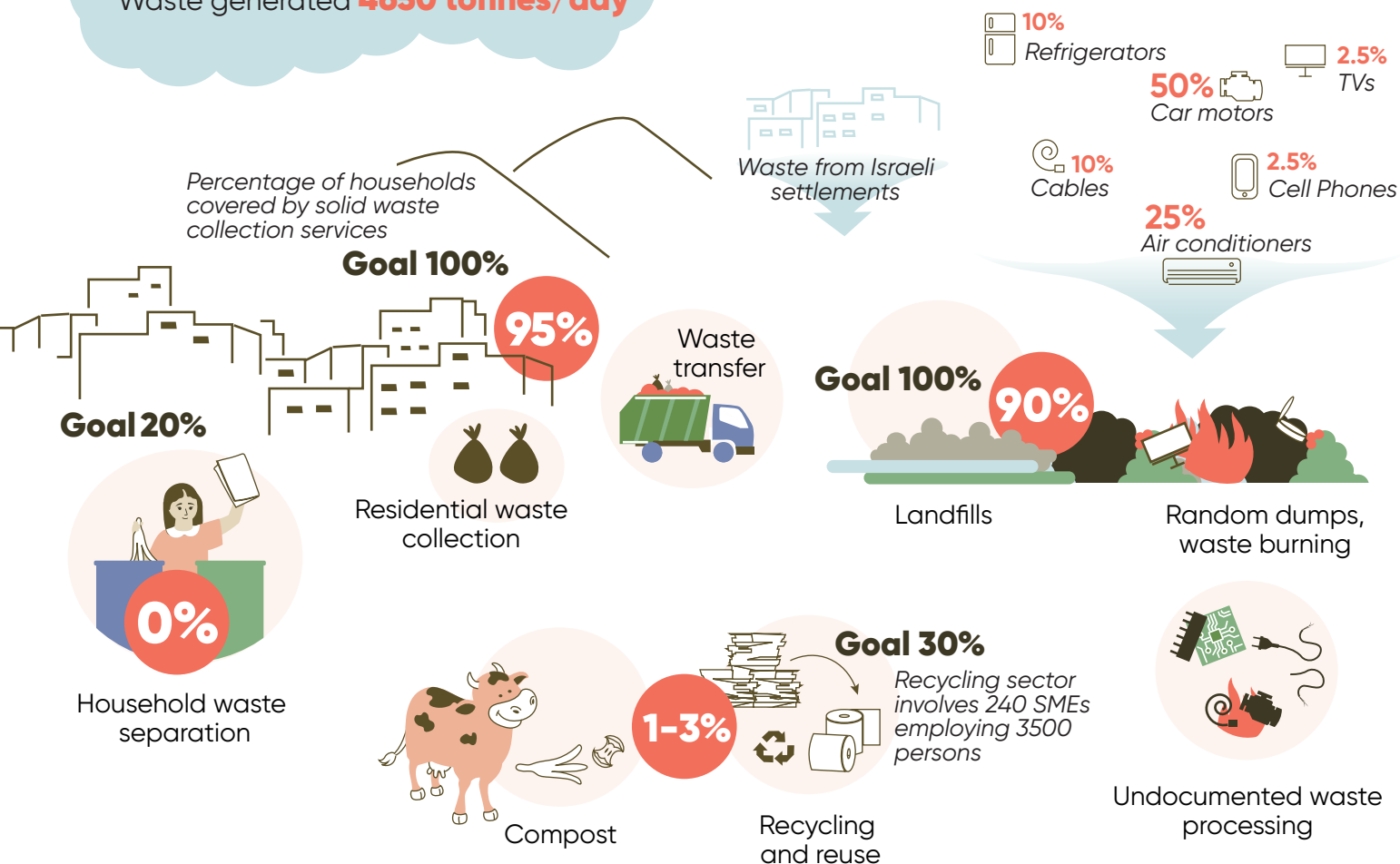
Solid waste composition



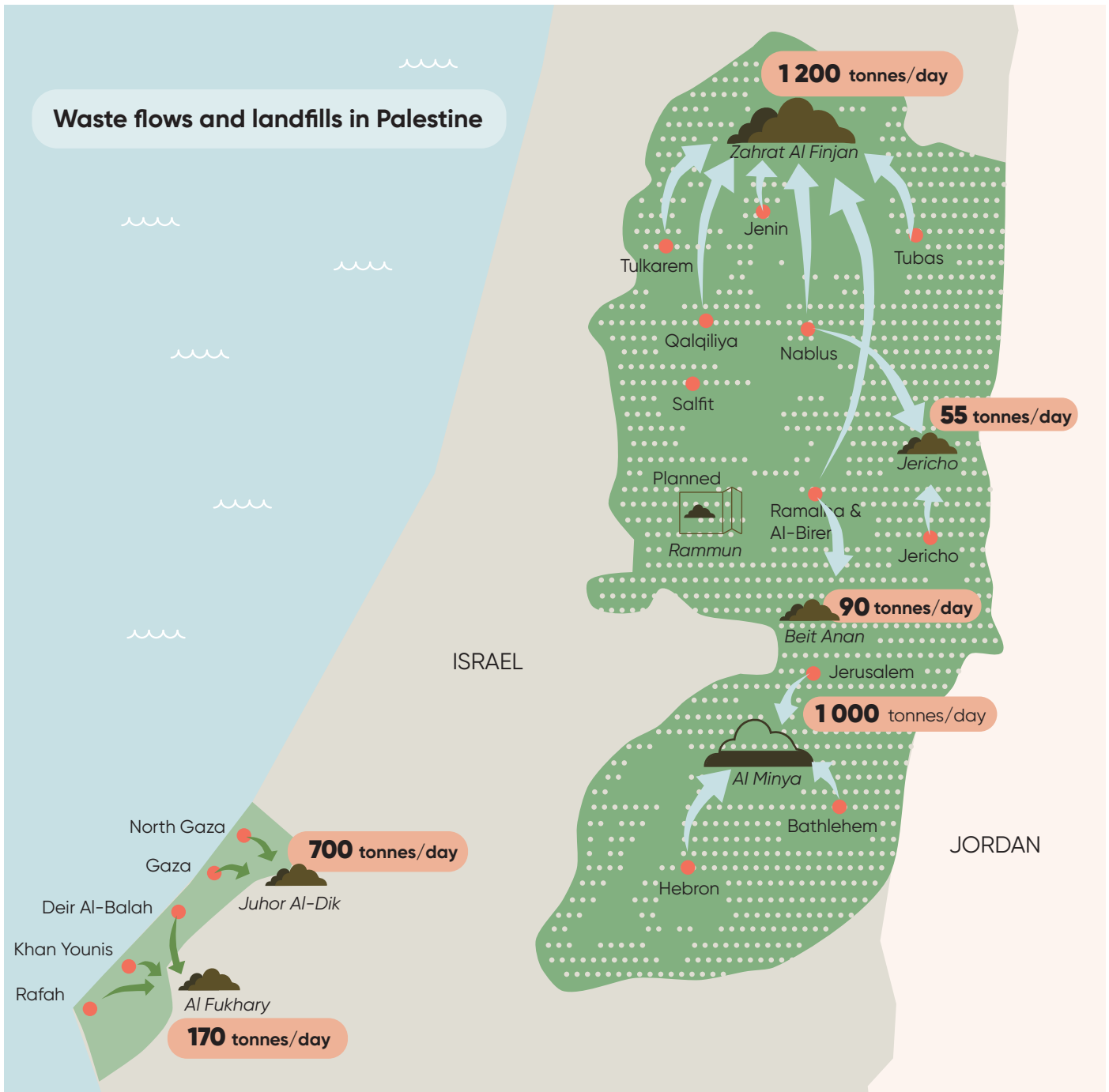
Where does the solid waste end up?

3500 five years ago
Waste generated **4650 tonnes/day**

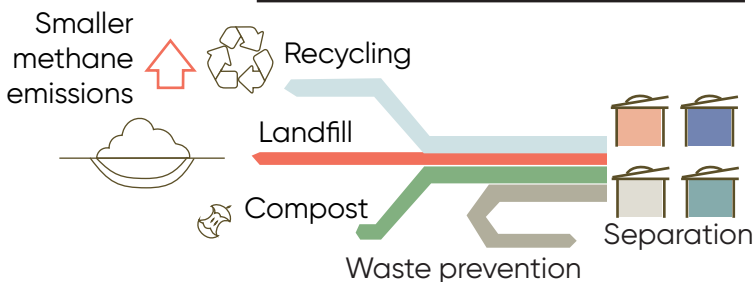
E-waste coming from Israel
200 tonnes/day



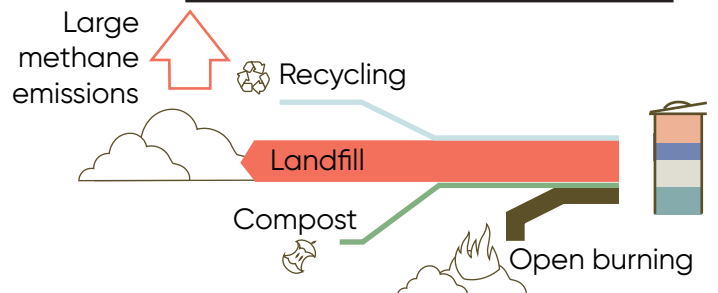
Mapping waste flows



Future waste flows: towards circular economy



Current waste flows: waste dumping and burning



and re-use!

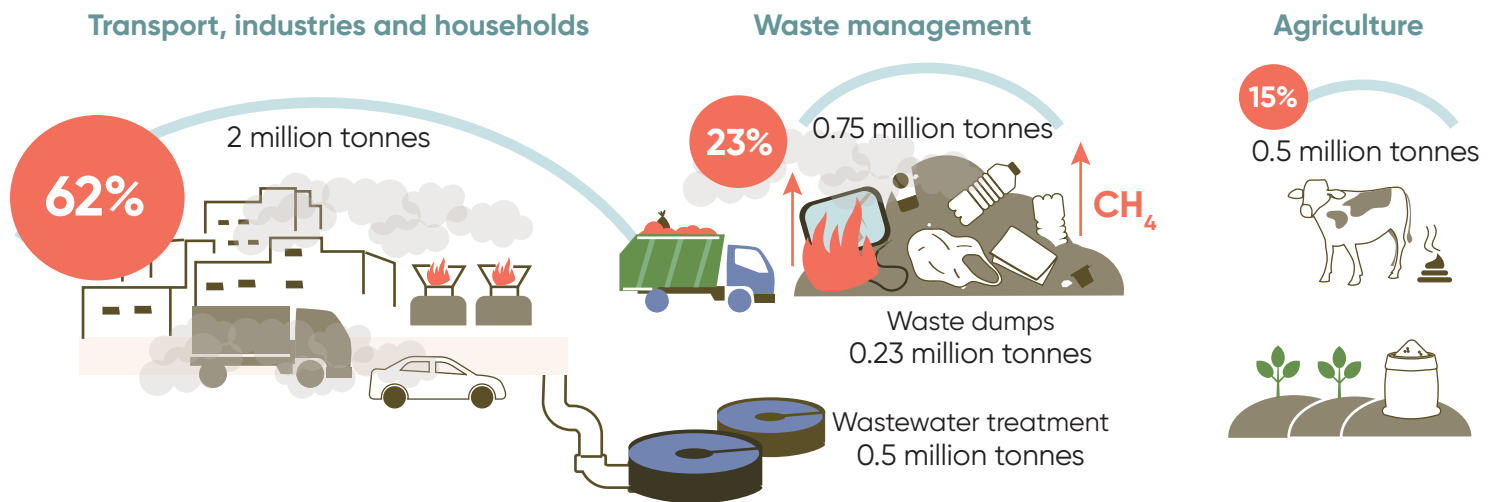


CLEAN CITY

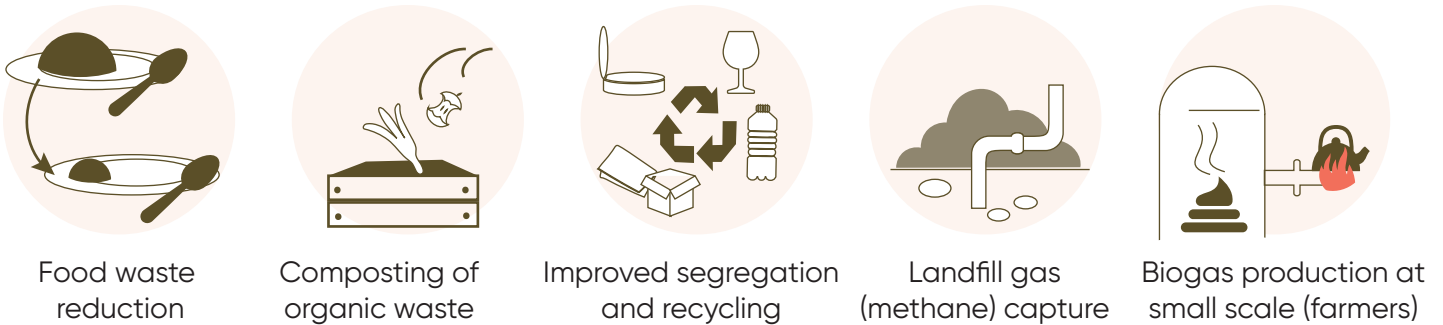


Links between waste and climate change

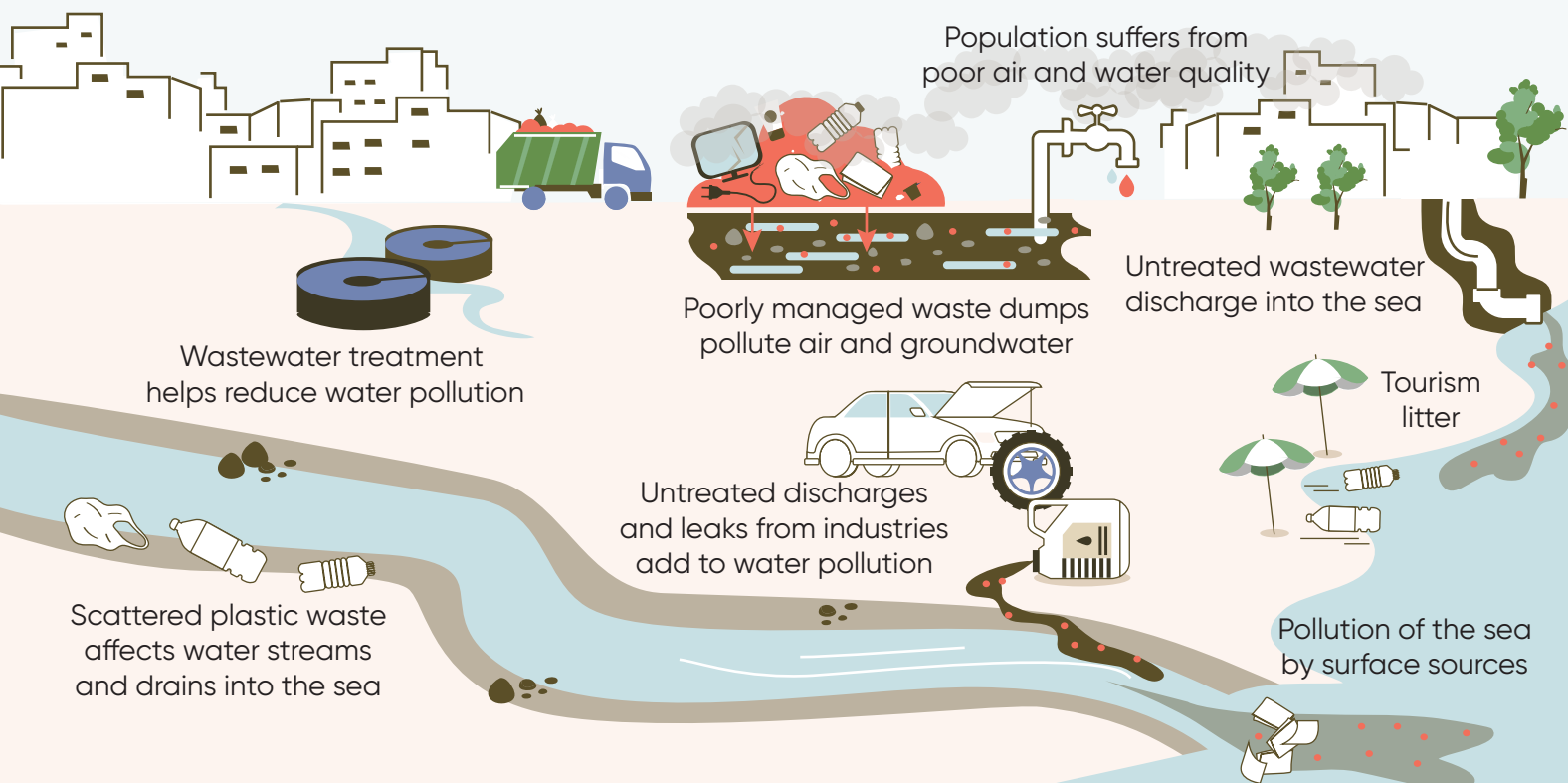
Sources of greenhouse gas emissions in Palestine



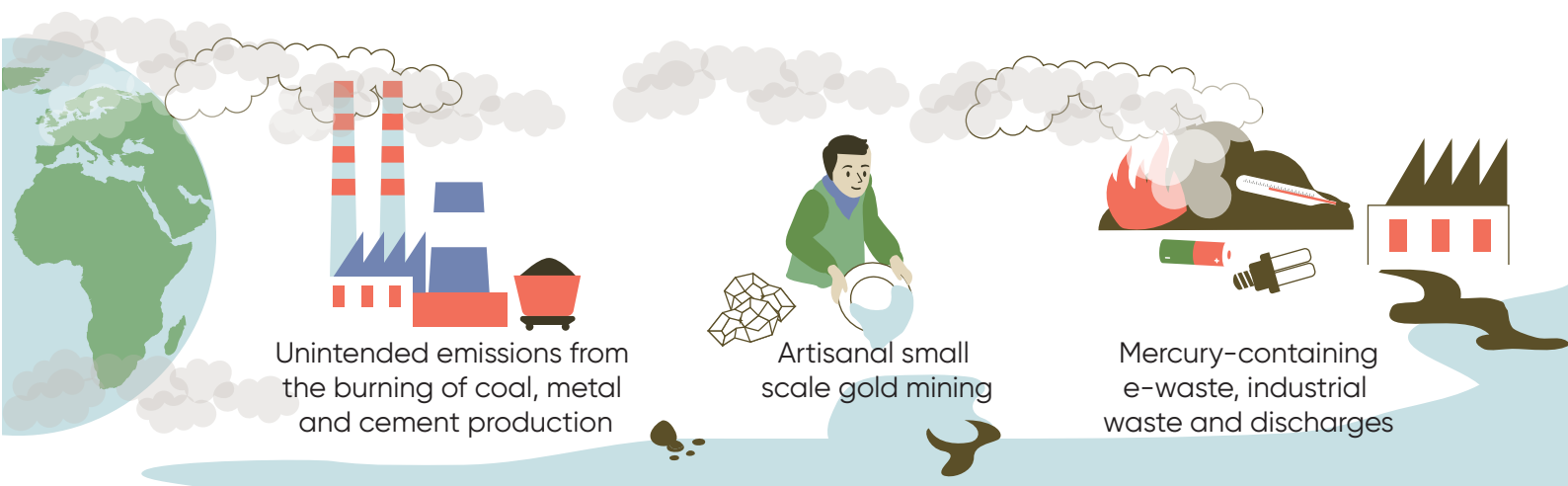
Measures to reduce greenhouse gas emissions from waste



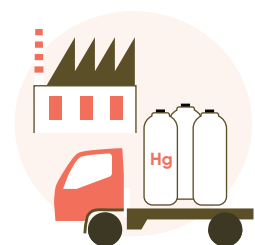
Links between waste and water pollution problems



Important sources of mercury emissions and releases



Selected provisions of the Mercury Convention most relevant to Palestine



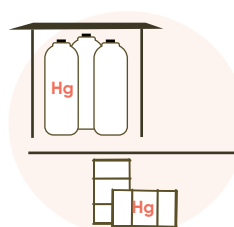
Mercury supply sources and trade



Mercury-added products



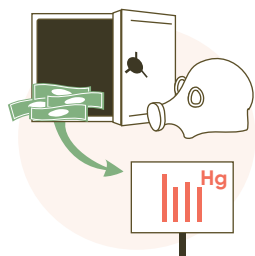
Emissions and releases



Interim storage of mercury and waste



Contaminated sites and health aspects



Financial resources



Capacity building, technical assistance



Initial assessment, implementation plan



Public information and awareness



Information exchange and reporting

Potential mercury sources and issues in Palestine

