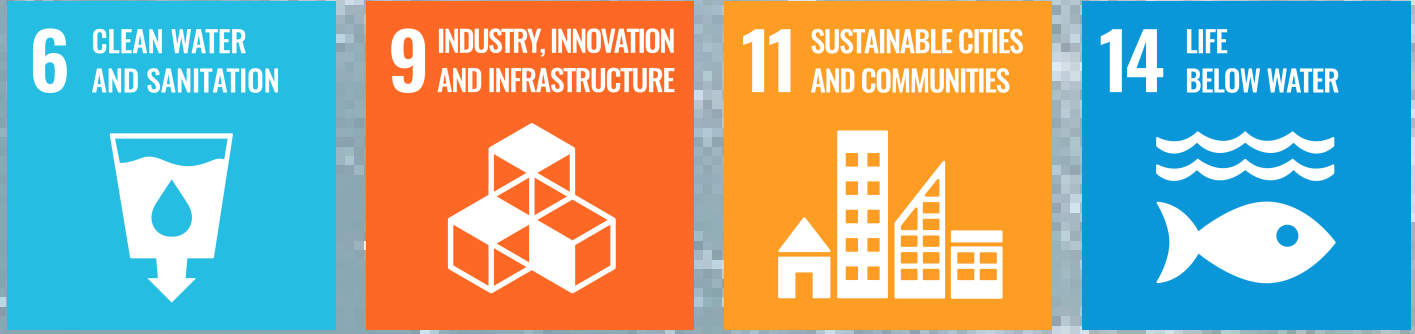


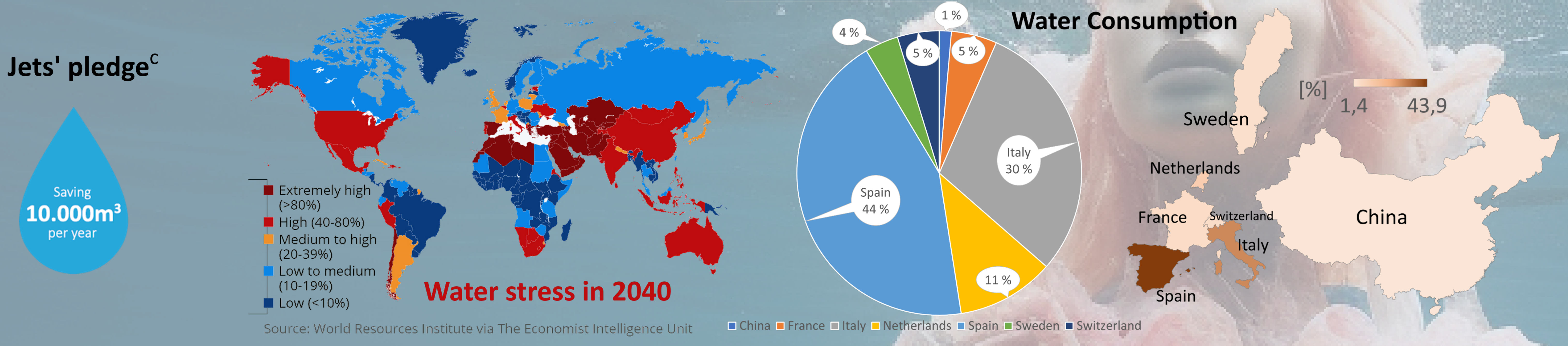
Full project title and Sustainable Development Goals (SDGs) in focus

How can we reduce the use of plastic packaging and replace it with more environmentally friendly alternatives, without compromising product quality and customer satisfaction?

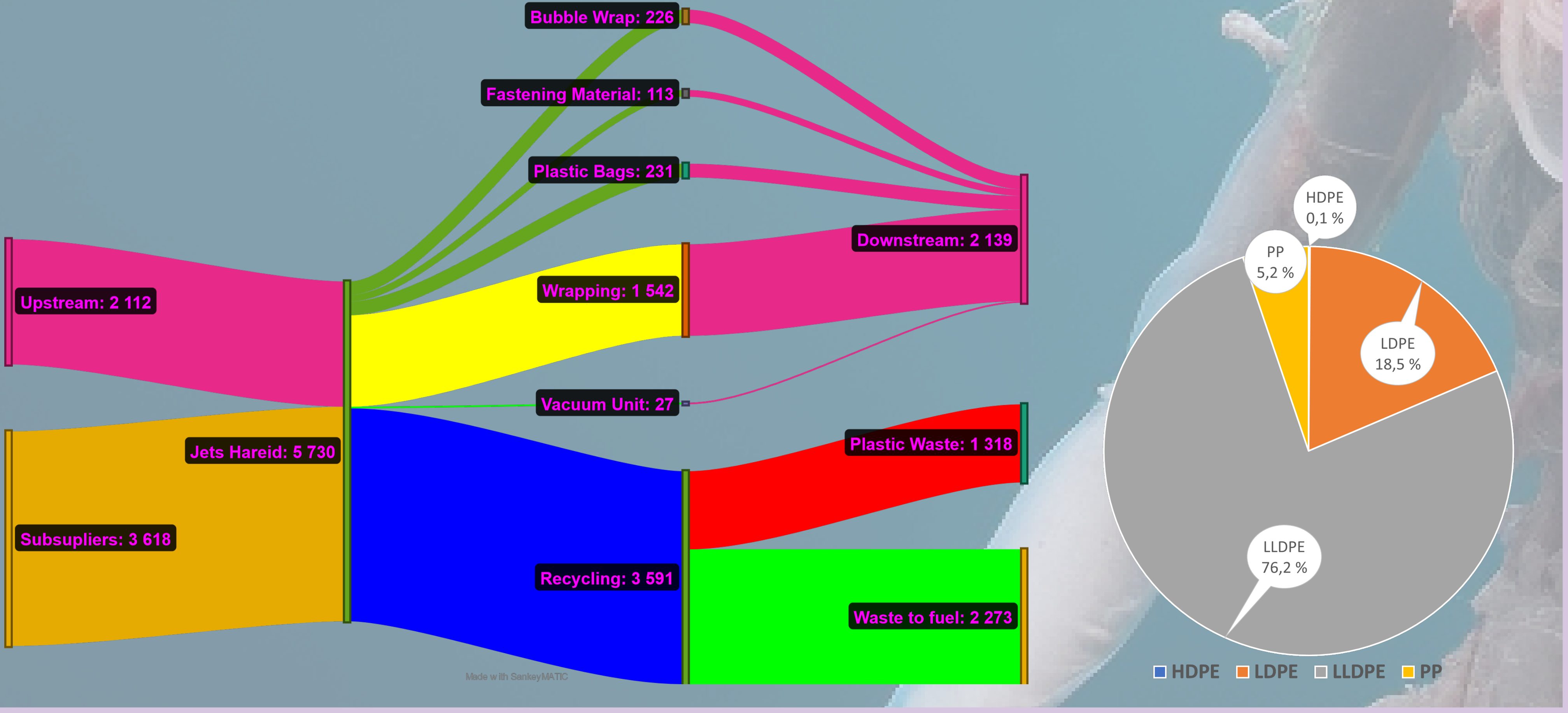
SDGs in focus of Environmental, Social and Governance (ESG) Policy and Code of Conduct for Jets Vacuum Supply Chain are the following ^d:



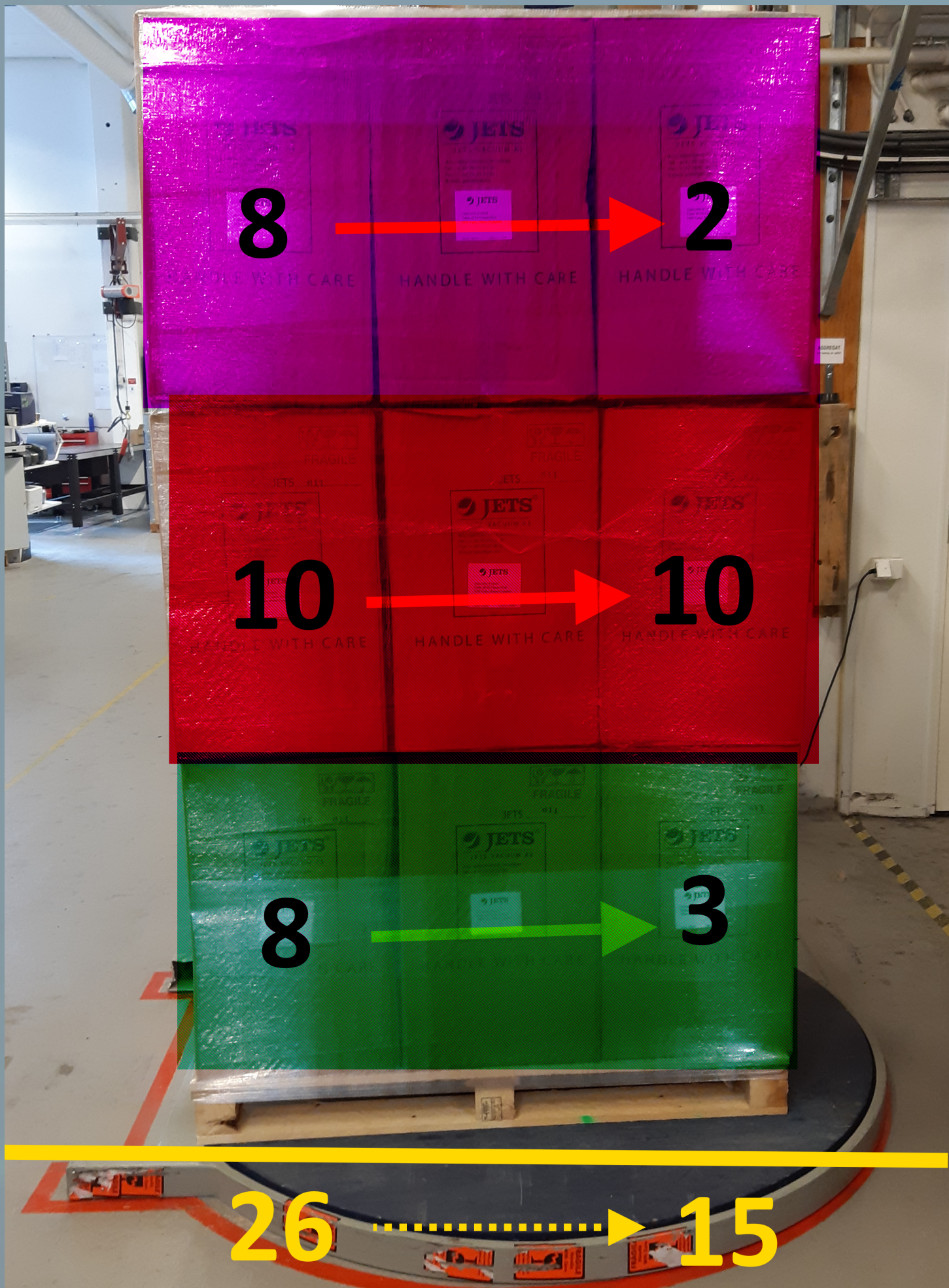
Water stress vs. distribution of water consumption of plastic packaging production



Results 1: Material flow analysis



Results 2: Two different scenarios giving reduction of wrapping



	% Reduction	Total plastic	H2O (m ³)	CO2 (kg)	Total cost 2020-22 (kr)
Status Quo	0	4 627	228	8 282	9 762
Scenario 1	24	3 520	173	6 302	7 478
Scenario 2	56	2 031	100	3 636	4 314

	Thickness (my)	Windings	Stretch (%)	Consumption (%)	Reduction (%)
Status Quo	23	26	350	100	0
Scenario 1	15	26	300	76	24
Scenario 2	15	15	300	44	56

References

^a University of Copenhagen, Danmark; ^b NTNU i Ålesund, Norway; ^c Jets Vacuum AS, Norway
^d United Nations: sdgs.un.org
Background art: Midjourney

Supervisor

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