

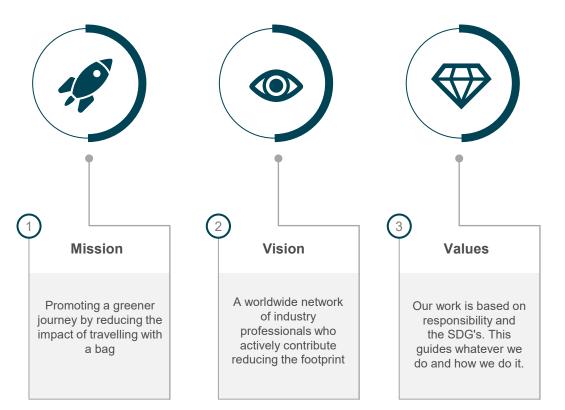
**NAG Air-Rail** January 17<sup>th</sup>, 2023





## What is GreenBaggage<sup>®</sup>?

A devoted group committed to decarbonize the baggage journey

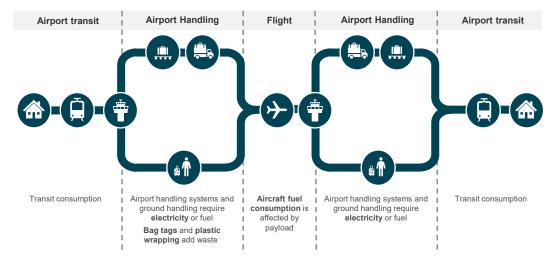


#### **Green**baggage

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## What problem are we tackling?

Baggage has a large  $CO_2$  impact along the entire travel journey





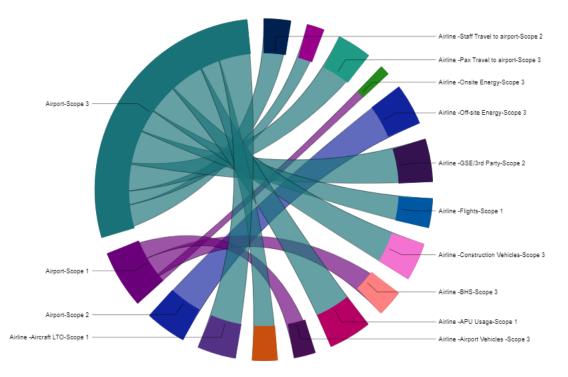
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### A very complex emissions problem

Stakeholder emission relation in bag journey is very complex



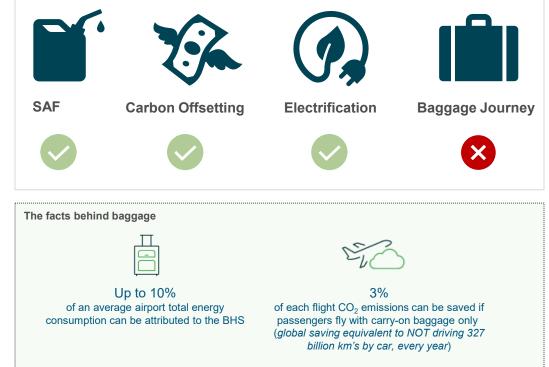
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# How is the problem currently being tackled?

 ${\tt GreenBaggage}^{{\tt B}}$  is the first to address this issue internationally

Baggage is an overlooked part of the travel industry's environmental impact, and we aim to change that.





## For who is Greenbaggage?

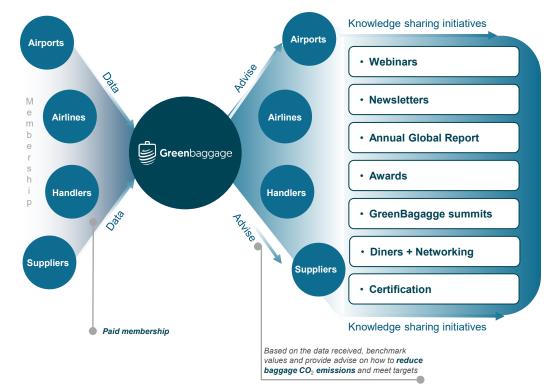
All involved in the bag journey ecosystem

- Airports
- Airlines
- Ground-handlers
- Technology providers / suppliers
- Governments, authorities and regulatory bodies
- Rail companies
- Energy companies
- Others in the travel eco-system



### What solution does GreenBaggage<sup>®</sup> offer?

An alliance to share knowledge and provide advisory services







GreenBaggage<sup>®</sup> offers aspiring opportunities



#### Members

- Receive privileged access to unique data, research and knowledge
- Achieve financial advantages (e.g., less energy consumption)
- Receive white label CO<sub>2</sub> calculation tools for the whole baggage journey
- Receive **solutions** / **advice** on how to reduce their CO<sub>2</sub> emissions
- Increase their reputation by receiving the GreenBagagge<sup>®</sup> international certification
- Access a networking community of like-minded
  peers
- Industry perspective & global trends
- Firsthand insight into latest developments and pilot results
- Greenbaggage® conferences and events



#### Environment

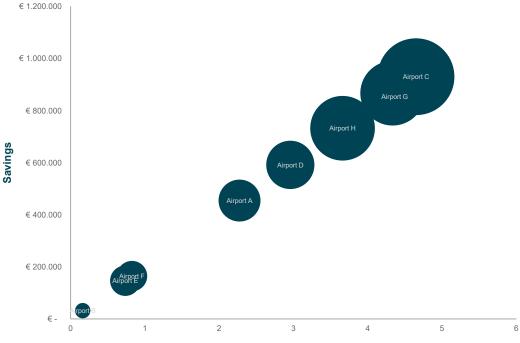
- Achieve significant CO2 savings
- Increase collective industry awareness, knowledge
- Increase public understanding on how to reduce the environmental impact of travelling
- Increase the **transparency** in  $\text{CO}_2$  emissions in the aviation industry
- Increase the **transparency** in non-CO2 emissions in the aviation industry
- Certification for the (non) CO<sub>2</sub> emissions

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## What value is added to each stakeholder?

 $GreenBaggage^{\circledast} \ airport \ members \ can \ achieve \ financial \ advantages$ 



Reduction in Baggage Handling System (BHS) annual energy consumption (GWh)





# SDG's tackled by Greenbaggage

#SDG 4, Quality Education

#SDG 9, Industry, Innovation and Infrastructure

#SDG 12, Responsible consumption by all

#SDG 13, Stop climate change

#SDG 17, Mechanisms and partnerships to reach the goals