



*Life 'N Grab HY! – Liquidation  
of Full Emissions and Noise  
levels while **GARB**age collection  
with **HY**drogen!*

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*Life N' Grab Hy*  
clean cities, clean air



# Life N' Grab-HY!



## Budget Info

- Total budget € 2.7 M (% EC Co-funding: € 1,6M)
- Project duration 4 years (initial) now 5,5 years.
- Started on 1/9/2015
- End of project on 31/3/2021

### Main goal

Demonstrate 2 FC-Hybride electric garbage trucks in 10 European cities.

At every location	In general
<ul style="list-style-type: none"> <li>• <i>Pressreleases and events at the opening and closure of the demonstration + sharing the results.</i></li> </ul>	<p><i>Alle experiences are bundled in a laymans report about the operation of hydrogen fuel cell hybrid garbage trucks.</i></p>
<ul style="list-style-type: none"> <li>• <i>Video of the operation in every city.</i></li> </ul>	<p><i>A public report on the positive impact the demonstrations had in all the cities.</i></p>
<ul style="list-style-type: none"> <li>• <i>Calculation of the impact of the demonstrations.</i></li> </ul>	<p><i>A final conference where all demonstrations will be presented together with the impact of the project</i></p>
<ul style="list-style-type: none"> <li>• <i>Working out an implementation plan for hydrogen garbage</i></li> </ul>	



## Milestones

- Implementation of ZE garbage trucks in 10 different European cities.
- Techno-economic impact analyses of these trucks in the different cities
- Socio-economic impact of these ZE solutions in these European cities

### Quantificeerbare project resultaten

<b><i>Number of demonstrators</i></b>	2
<b><i>Savings in pollution</i></b>	125T CO <sub>2</sub> 1075kg CO 2.5T Nox 51kg PM
<b><i>Savings in energy</i></b>	250MWh
<b><i>Deployment plans for local sites</i></b>	10
<b><i>Generic plan for the realisation of 20-20-20 norms for waste collection</i></b>	1



## EXPECTED IMPACTS

### Qualitative project results

- *The general public will be informed about hydrogen technology through a real-life demonstration in their own cities.*
- *Examples for the implementation of hydrogen vehicles in normal diesel maintenance workshops will be available*
- *Stakeholders will be triggered about the possible realizations in a direct way*
- *Best practices will be made available for drivers, loaders and technicians*
- *The technology roadmap will be defined in a more concrete way*

All this lowers the threshold for clean technology applications, required to generate a breakthrough for hydrogen based heavy duty vehicles, in the near future.



Where are we now?





THANK YOU  
FOR  
YOUR ATTENTION



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