

Zero Emission QuickScan

A QuickScan is a tool used to determine the status quo of particular topic in an organization by compiling a list of questions related to the topic which are then posed to department heads. The QuickScan can then be translated into a report that can be used to analyse the gap between the current situation and the future state and benchmark progress against other companies functioning in the same industry.

Municipalities in the Netherlands are making concerted efforts to reduce toxic emissions, one of these efforts relates to banning the entry of emission producing commercial vehicles in the city centres from the 1st January 2025. With the policies in place, it is crucial for companies to begin planning for how they can continue logistics operations in the city centers post 2025.

This creates a need for companies to understand where they lie in working towards ZECL operations and obtain information on how they can bridge the gap, this will be structured in the form of a 5 level maturity model where inputs from the QuickScan report will indicate the maturity level and indicate steps to be taken to reach the next level

*Answers may be filled in Dutch and English

1. Group Member

Markeer slechts één ovaal.

- ☐ Distribution Minor Hogeschool Rotterdam Group 4
- ☐ Distribution Minor Hogeschool Rotterdam Group 5
- ☐ Distribution Minor Hogeschool Rotterdam Group 6
- ☐ BUAS Leiden Minor
- ☐ BUAS ECTS Students
- ☐ BUAS First Years

1. General

2. 1.1. Company Name

3. 1.2. Name of interviewee

4. 1.3. Position of interviewee

5. 1.4. Main Supply Chain Position

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☐ Shipper

☐ Carrier

☐ Receiver

6. 1.5. City Logistics Segment

Vink alle toepasselijke opties aan.

☐ Post and Parcel

☐ Construction

☐ Cold Chain

☐ Retail

☐ Waste

☐ Facility

☐ Other

7. 1.6. Company size (FTE) On site

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☐ 0-100

☐ 101-200

☐ 201-400

☐ 401+

8. 1.7. Company size (FTE) Globally

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- ☐ 0-500
- ☐ 501-2000
- ☐ 2001-5000
- ☐ 5001+

9. 1.8. Location (Site of company)

10. 1.9. Service areas (cities in which logistics is carried out)

2. Strategy

11. 2.1. What is the company's corporate strategy

12. 2.2. Is there a mention of sustainability in the strategy/mission/vision/goals?

13. 2.3. How does the strategy translate to city logistics goals

14. 2.4. Is there an explicit mention of zero emission in the logistics goals over the next 3 years to 2025?

15. 2.5. Does the organization have performance metrics (KPI) attached to ZE operations?

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- ☐ Yes
- ☐ No
- ☐ Unsure

16. 2.6. What are the metrics?

17. 2.7. How are these metrics monitored/measured and what is the frequency of monitoring/measurement?

3. Infrastructure

18. 3.1. Are there vehicle charging ports on the company premises?

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☐ Yes

☐ No

19. 3.2. Does the company have any agreements with energy service providers specifically for charging ports in the cities and surrounding areas?

20. 3.3. Do the ZE vehicles dock separate from the diesel trucks?

21. 3.4. Has the company experienced any difficulties pertaining to charging the ZE vehicles?

4. Personnel

22. 4.1. How many drivers does the company employ?

23. 4.2. Are drivers aware of ZECL local policies?

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- ☐ Yes
- ☐ No
- ☐ Unsure

24. 4.3. Do the drivers receive training for ZECL? what kind of training?

25. 4.4. Is there a project team/department specifically for ZECL? If so, which functions exist within the team?

26. 4.5. What support employees related to the fleet do they have (mechanics etc.)?

27. 4.6. Do these support employees have knowledge of dealing with ZE vehicles?

28. 4.7. Have there been company wide educational efforts on ZE policies?

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- ☐ Yes
- ☐ No
- ☐ Unsure

5. Fleet and Operations

29. 5.1. How large is the fleet

30. 5.2. Are there electric vehicles in the fleet? Which vehicle models?

31. 5.3. What is the proportion of traditionally fuelled vehicles vs zero emission vehicles?

32. 5.4. Did the company conduct implementation trials before rolling out the ZE vehicles? If yes, what were the highlights/results of these trials?

33. 5.5. Which vehicles make up the fleet (Box truck/Semi truck/Van etc.) Please list the numbers ?

34. 5.6. How many km's are carried out per trip on average and in which vehicle types?

35. 5.7. Are the company's main clients B2B/B2C? If both please provide % split.?

36. 5.8. What are the average volumes are being transported into and out of the cities daily in terms of loading units (collis, crates, pallets etc):

37. 5.9. Does your company track and trace trucks?

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- ☐ Yes
- ☐ No
- ☐ Unsure

38. 5.10. How many trucks/vans are used for city logistics in particular?

39. 5.11. Is the company exploring other ZE alternatives for city logistics? What are these alternatives?

6. Partnership

40. 6.1. Does the company carry out all their inner city logistics operations themselves?

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- ☐ Yes
- ☐ No
- ☐ Unsure

41. 6.2. How many logistics subcontractors does the company have and are they aware of ZE policies (please indicate subcontractor and answer)?

42. 6.3. Are the subcontractors using ZE vehicles to carry out the last mile in inner cities?

43. 6.4. Does the company expect ZE compliance from their subcontractors?

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- ☐ Yes
☐ No
☐ Unsure

44. 6.5. If so, how will they monitor this compliance?

45. 6.6. Does the company have the capacity to carry out subcontracted work themselves in the next 5 years?

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- ☐ Yes
☐ No
☐ Unsure

46. 6.7. Has the company sought out ZE vehicle suppliers? Please list the suppliers

47. 6.8. Does the company have agreements with ZE vehicle suppliers, if so which?

7. Finance

48. 7.1. Are you aware of any funding schemes for the purchase of zero-emission vehicles

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☐ Yes

☐ No

49. 7.2. Has your company planned for the purchase of zero-emission vehicles after the depreciation of your current fleet?

50. 7.3. Is there a budget set aside for the purchase of zero emission vehicles and/or the infrastructure required for their running?

51. 7.4. Is the company willing to pay a premium for ZE service providers?

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