



Production of Green Ammonia via Water Electrolysis & Haber-Bosch Process

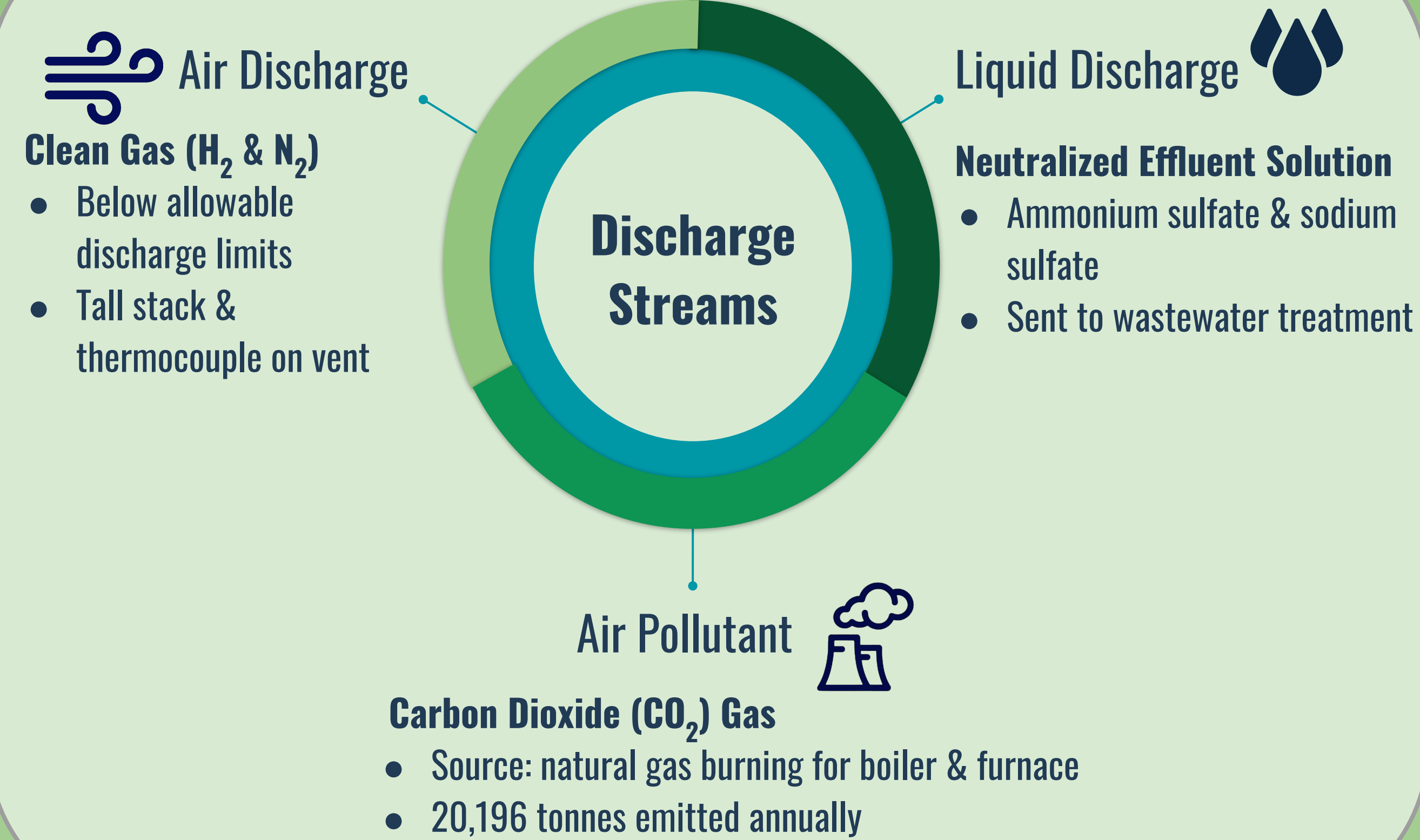


Annesha Devi, Bhavana Polavarapu, Bree Phelps, Brianna Maloney, Jelina Nursimulu, Jonathan Fix, Mohamed El Badrawy
Group P4

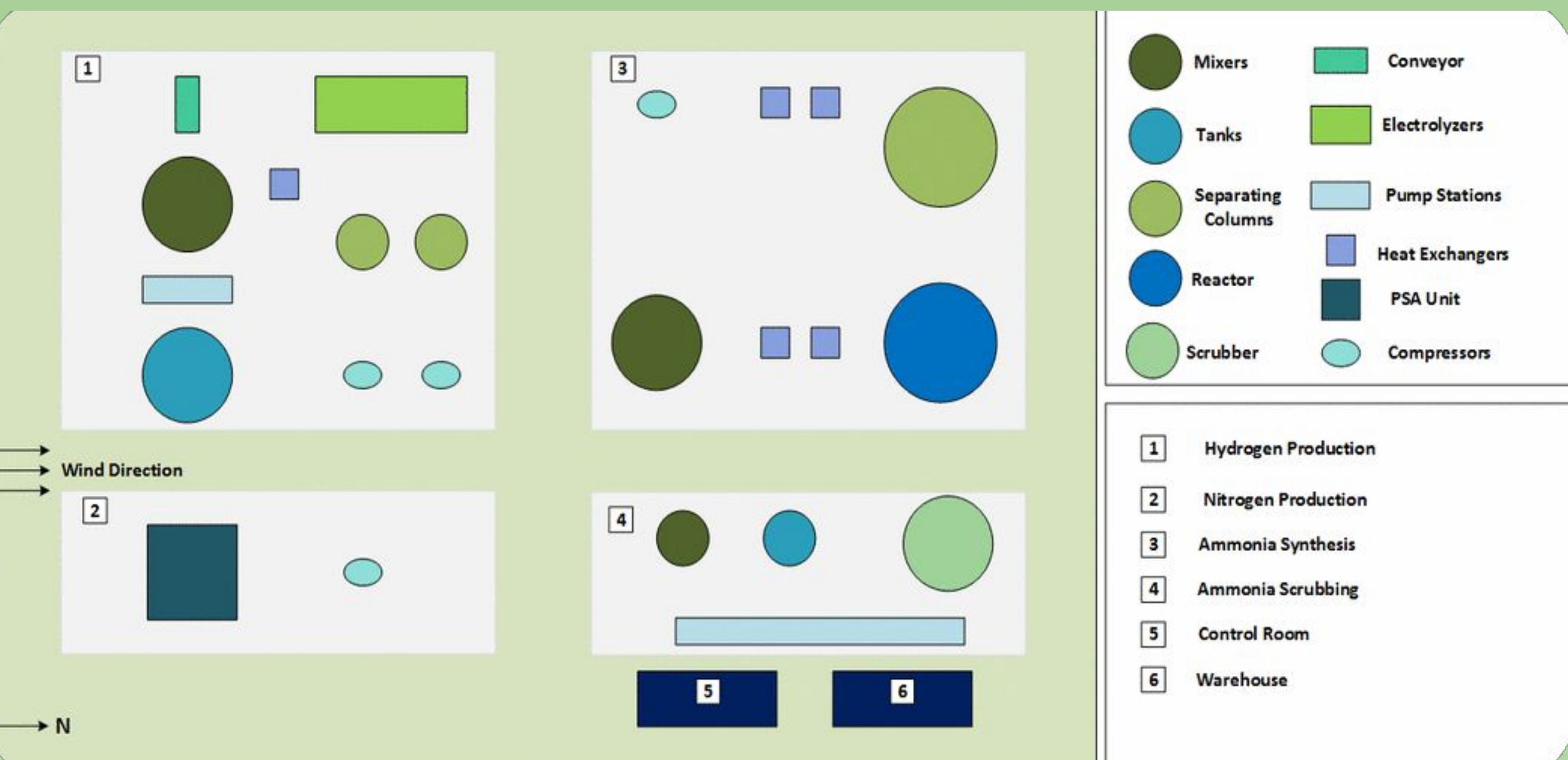
Introduction

- **Location:** Prince Rupert, BC
- **Capacity:** 400 tonnes of ammonia per day
- **Why green ammonia?** H₂ carrier molecule & reduced GHGs
- **Industry Sponsor:** Solaris Management Consultants

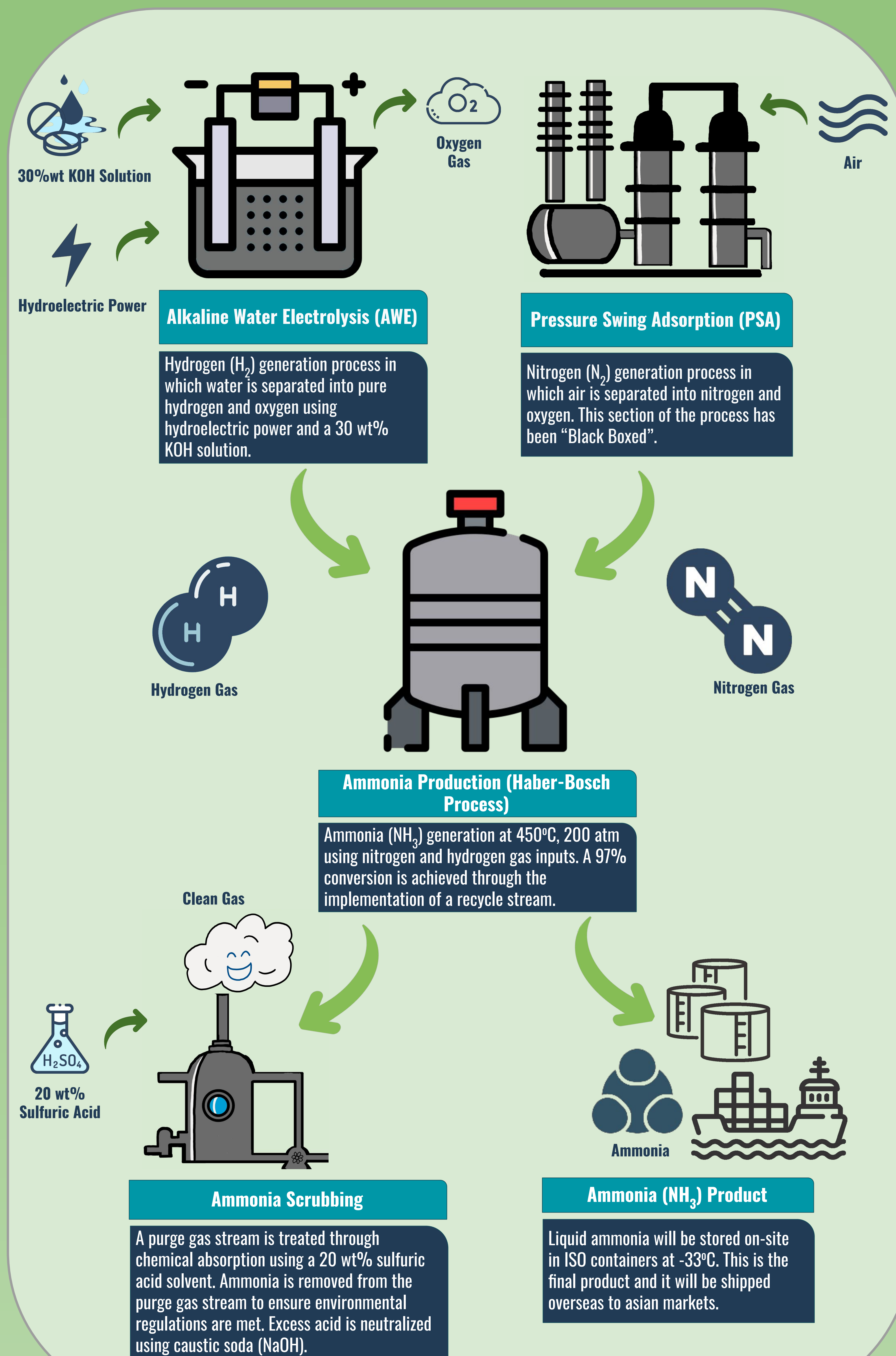
Environmental Assessment



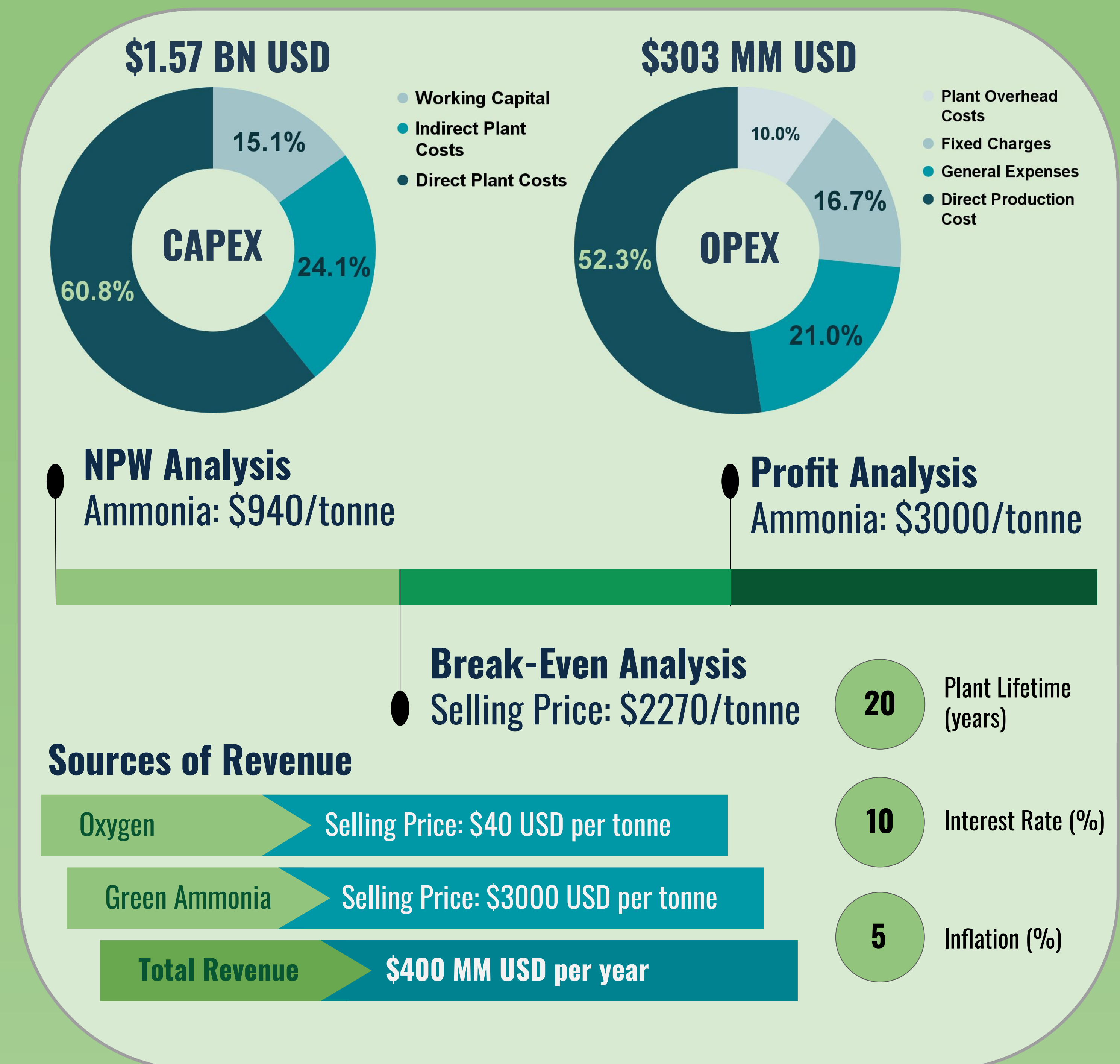
Plant Layout



Process Overview



Economics



Recommendations

- Research utility heating fuel alternatives
- Investigate the feasibility of electrochemical synthesis of ammonia
- Expand green ammonia market in North America

Acknowledgements

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