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OXYGEN SOLUTIONS

Breathing Life Into Aquaculture

Vacuum Swing Adsorption (VSA) Oxygen Concentrators



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Mr. Samson Dirrar
Oxygen Solutions Product Specialist
Benchmark International



Mr. Haraldur Guðmundsson
CEO
Icelava
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OXYGEN SOLUTIONS CANADIAN MANUFACTURER

- Proud Canadian company
- Gas separation specialists
- Design and build oxygen concentrators that allow for onsite oxygen production
- Committed to sustainable aquaculture growth and positively impacting the world's most precious resources



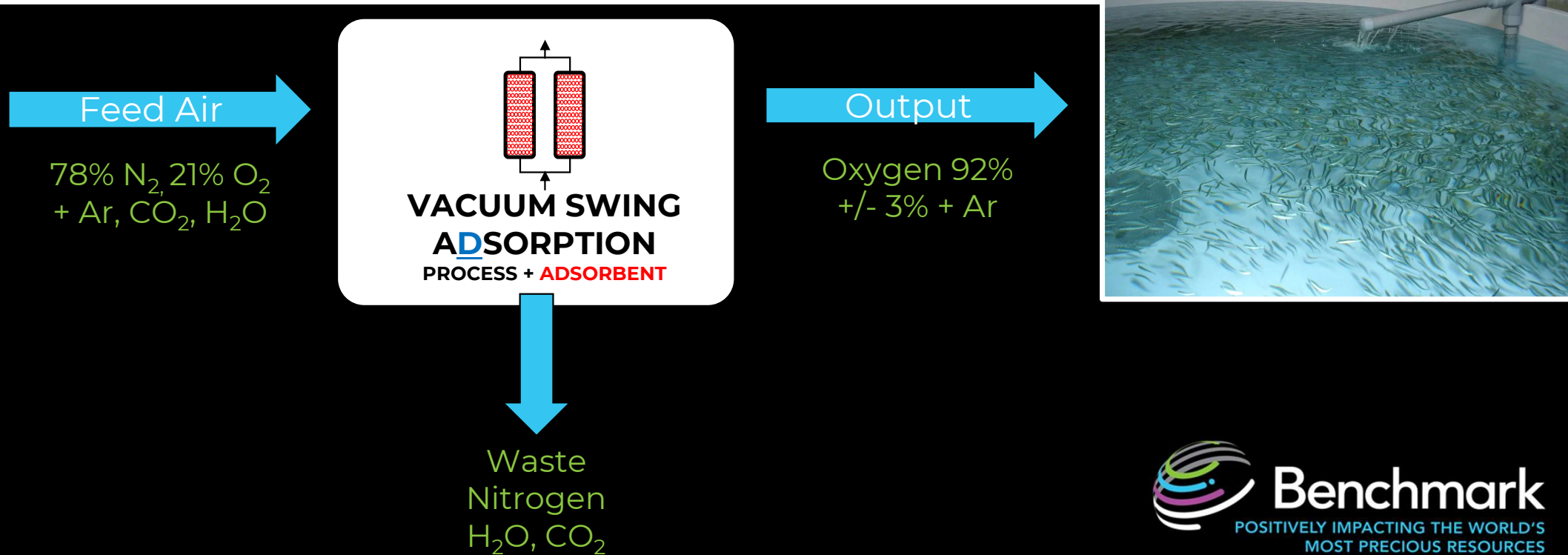
Benchmark

POSITIVELY IMPACTING THE WORLD'S
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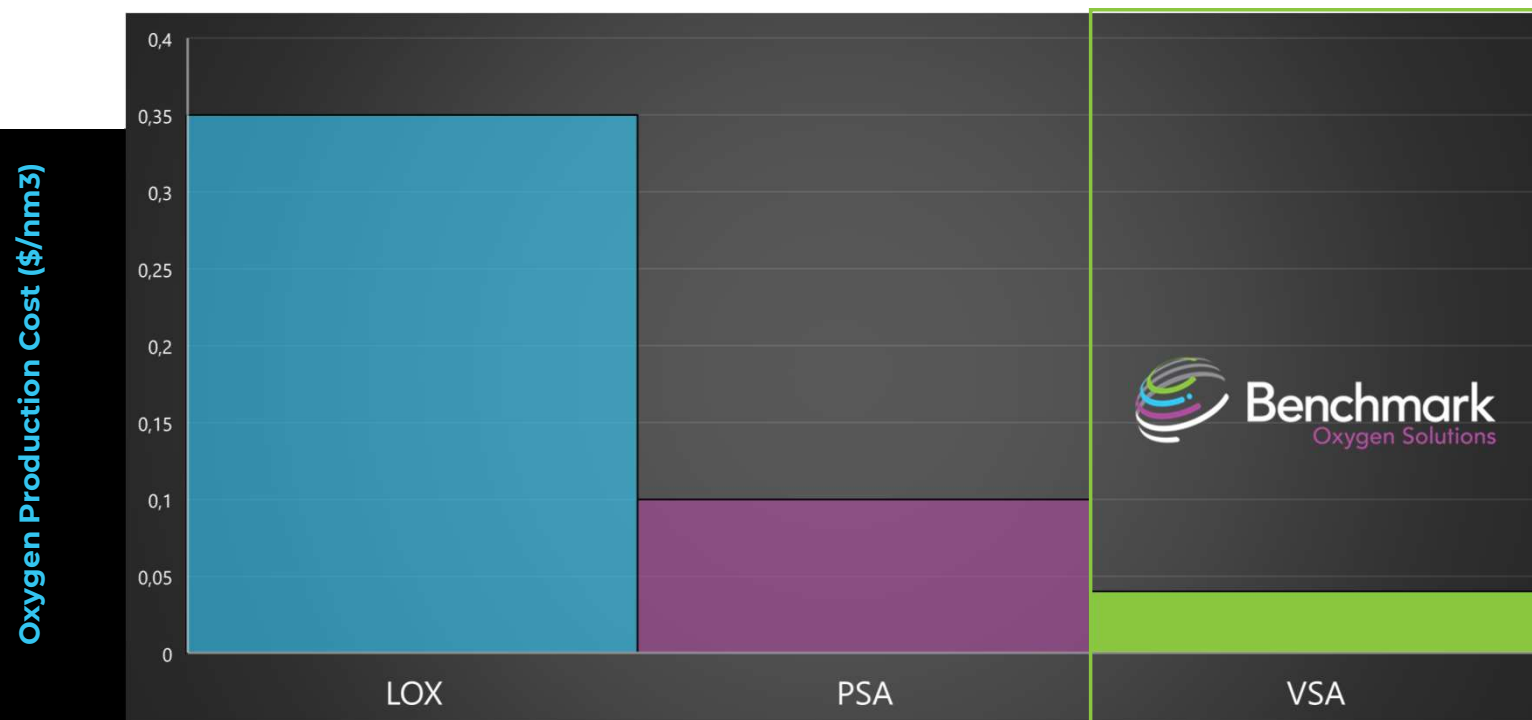
OXYGEN PURIFICATION VACUUM SWING ADSORPTION



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OXYGEN PRICE COMPARISON



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FEATURES AND BENEFITS VALUE PROPOSITION OF VSA

- Most energy efficient oxygen generators on the market
- Lowest operating costs per kilogram of O₂
- Payback on capital cost within 0.5-3 years
- No supply disruption
- Plug and play installation
- Minimal annual maintenance costs
- Modular and expandable



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FEATURES AND BENEFITS ENVIRONMENTAL

- Environmentally friendly oxygen production
- No CO₂ pollution for the environment
- Can contribute to helping companies achieve their ESG targets



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VPSA OXYGEN APPLICATIONS AQUACULTURE

- Reduces stress on fish
- Increased growth rate
- Shortens time to market
- Controls algae blooms and improves water quality
- Helps to control disease and parasites



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SUSTAINABLE AQUACULTURE FUTURE FOCUS

- Working towards efficient distribution of oxygen in aquaculture applications
- Novel approach to gas mixing (C-tube) that has shown promise for effective transfer of gas into water.
- Test project with Icelava – authorized partner in Iceland



CONTACT US

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- Please visit us at booth # 400 for further information or questions

