



Please complete this nomination form accurately, completely, but succinctly.

1. Contact details

Nominator (Person)	Nominating Organisation	Signature	Date	e-mail address
Mark van Wyk	FlyH2 Aerospace		12 Feb '26	mark@flyh2.com

Nominated Person	Nominated Organisation	Sub-sector one of the following: Private Sector or Academia or Public Sector or Non-Profit	Cell phone number	e-mail address
Mark van Wyk	FlyH2 Aerospace	Private Sector	0828319227	mark@flyh2.com

2. Short description

±100-word description of what the innovation / solution is and who needs to be recognised for which parts of the solution.

(e.g. new service /product /solution /regulation /infrastructure /institutional capacity)

FlyH2 Aerospace is commercialising Africa’s first hydrogen-electric long-endurance unmanned aircraft, the Dragonfly V, designed to provide affordable aerial security, infrastructure monitoring, and conservation patrols across vast and remote regions. By combining a locally integrated hydrogen fuel cell system with a lightweight STOL airframe, FlyH2 enables up to 22 hours of zero-emission flight at significantly lower operating cost than helicopters or fixed-wing patrol aircraft. The innovation supports localisation of fuel cell technology, stimulates green hydrogen offtake, and establishes a new advanced manufacturing capability in the Western Cape. Recognition is due to Mark van Wyk (concept and propulsion integration), René Heise (airframe engineering), the FlyH2 technical team, and regional manufacturing partners driving industrialisation.

3. Detailed description

Please answer all the questions (a) to (j) below, and **place answers** in the **prescribed place** as indicated in the **table below** (to construct a results chain).

For instance, the answer to question (a) should be written in the third column next to (a).

- a. What is the target business group/s that this innovation serves and improves?
- b. How many of these target businesses have already utilised this new solution?
- c. How did these businesses access and receive the new solution?
- d. What did this new solution help these businesses become better at?
- e. How did this help to improve their business performance? *Increased sales, lower costs, increased investment, increased employment, increased exports?*
- f. What exactly is this new innovative solution?
- g. What makes it new, compared to what existed before? (Novelty in WC economy)
- h. What makes it better than what existed before?
- i. How is/was the new solution made available to the target market / business group?
- j. What will ensure that the financial viability / sustainability of providing the innovative solution and the beneficial consequences remain intact over this period? *E.g. profitable business with an enduring competitive advantage in the market.* What is the expected longevity of this solution? *E.g. 5yrs, 10 yrs, 10+ years*

Output: A new catalytic innovation established, serves the WC economy	Outcome: Improved business environment (for the target business group)	Impact: Which target group of businesses benefitted & what improved for them	Longevity: Duration of benefits
f. hydrogen-electric UAS g. local hydrogen aviation h. longer, cheaper flight	i. innovating leasing model + direct sales c. lease and contract operations (by preferred operator)	a. security operators b. one contracted client d. persistent surveillance e. lower ops costs greater area	j. Profitable manufacturing model (10+ years)

After completing the table, read from left to right. Check for coherence and improve if needed.

4. Declaration of Evidence to verify the results chain

What supporting evidence can you provide to verify that the results stated above are as stated?

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What evidence can be provided? e.g. Records, reports, peer reviews, and so forth	Flying prototype Signed Lease Manufacturing agreement Savant Graduate Grants awarded	Long-endurance Less imported aircraft hydrogen aviation advanced Manufacturing	lower patrol costs extended cover hrs better asset protect local tech offtake	36-month contract 10yr hydrogen aviation Scalable manufacturing Expand African markets

5. Select the best category of award for this innovation

Sector	Award	Mark with "X"
Private Sector	6 x Catalytic innovations that contribute to growth	X
Public Sector	1 x Provincial- or National-government systemic innovation most impactful on economic growth	
	1 x Local & District Municipal innovation that is impactful on growth of their local economy	
	1 x Public-sector innovation, enhancing good governance	
Safety & Security	1 x Innovation enhancing safety & security	X
Labour Market	1 x Labour market efficacy award Reducing impediments to increased employment	
Academia	1 x Research the most impactful on competitiveness of Industry	
	1 x Tertiary education best aligned to Industry / market needs	
	1 x Most successful start-up / spin-out	
	1 x Entrepreneurship development in higher education	
Industry Sector Bodies	1 x Institution/s strengthening stakeholder cooperation to enhance competitiveness of their Industry	
Organised Business	1 x Institution/s strengthening stakeholder cooperation to enhance competitiveness of their business precincts	

6. Check that you completed all that is necessary.

7. Submit this documented and/or video-recorded to innovation@capechamber.co.za.

Thank you for helping us discover and celebrate the champions shaping a better WC economy!