



Rewired 2022

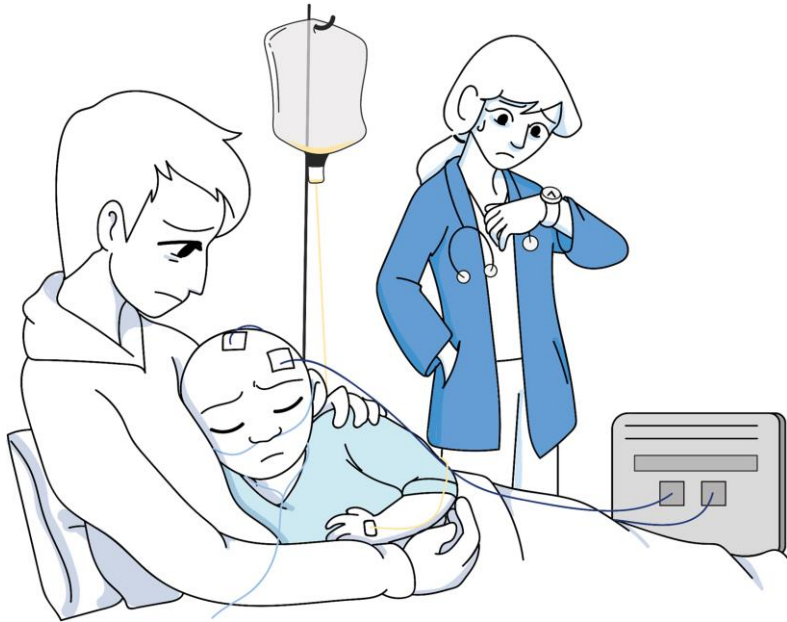
16th March

Dr Sophie Barrack (sophie@apian.aero)

# Healthcare impacts all our lives



Poor logistics wastes  
time, money and lives





Apian is a ground breaking logistics company  
whose **mission** is to deliver **faster**, **smarter**  
and **greener** healthcare.

# Apian is an operational **platform** integrating the **drone** industry with the **healthcare** industry.

## Benefits of drones

Direct connectivity between every point

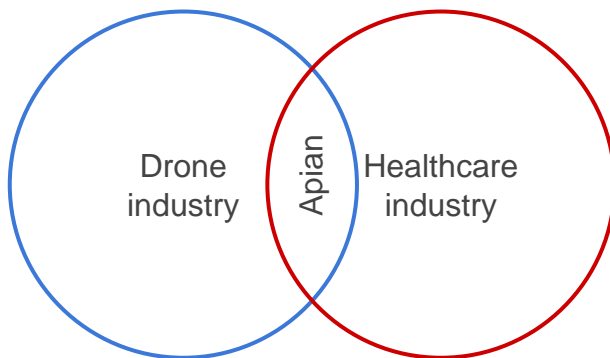
No path infrastructure to build and maintain

Resilient to disruption

Small footprint

Easy to overlay into already developed areas

Sustainable



## Benefits to healthcare

Speed up lab turnaround times

Reduce medicine wastage

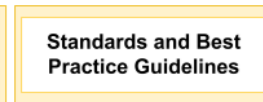
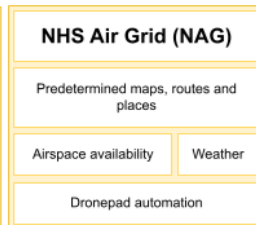
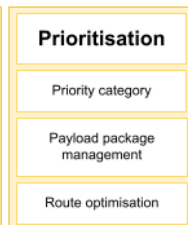
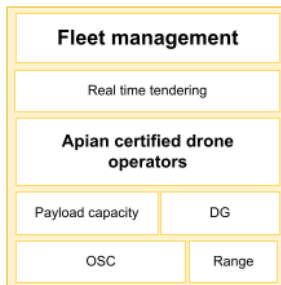
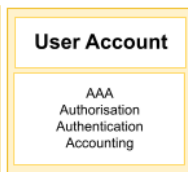
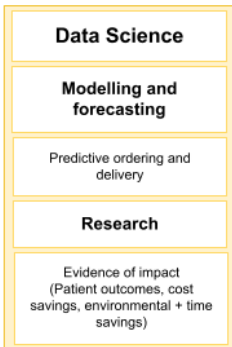
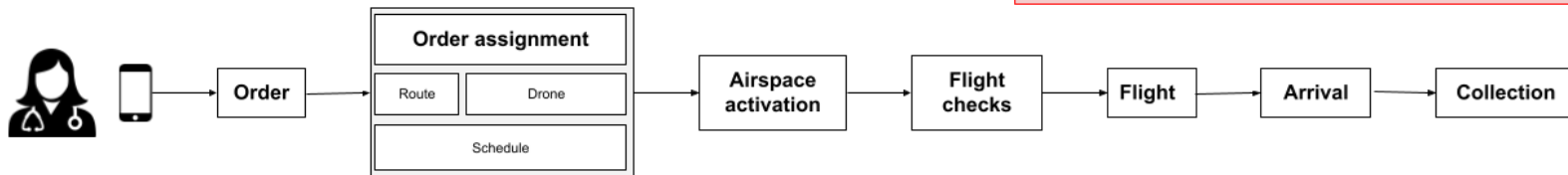
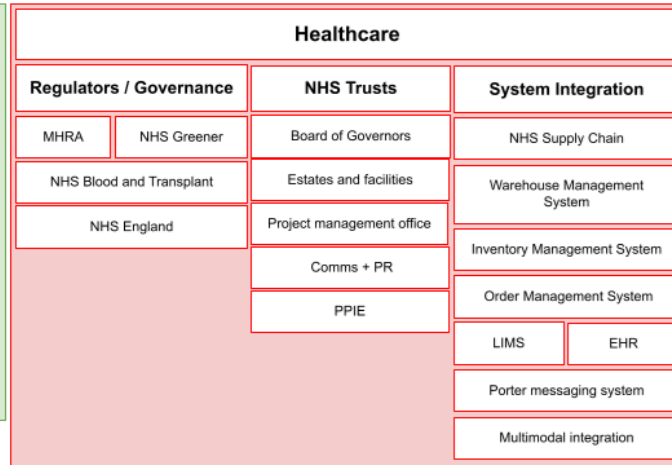
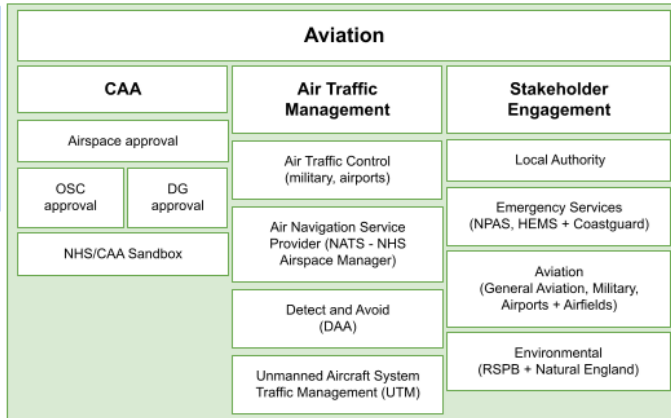
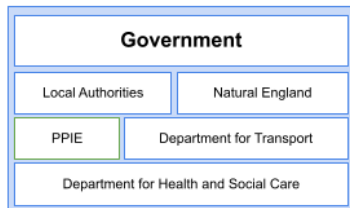
Consolidate services and stock

Enable personalised medicine

Bring care closer to home

Level-up care

Improve sustainability



# NHS Clinical Entrepreneur Programme





# We are medics creating solutions for medics



**NHS**



**Google**



**NHS**



**NHS**



**NHS**



**NATS**



**Google**



**ocado**



**evotec**



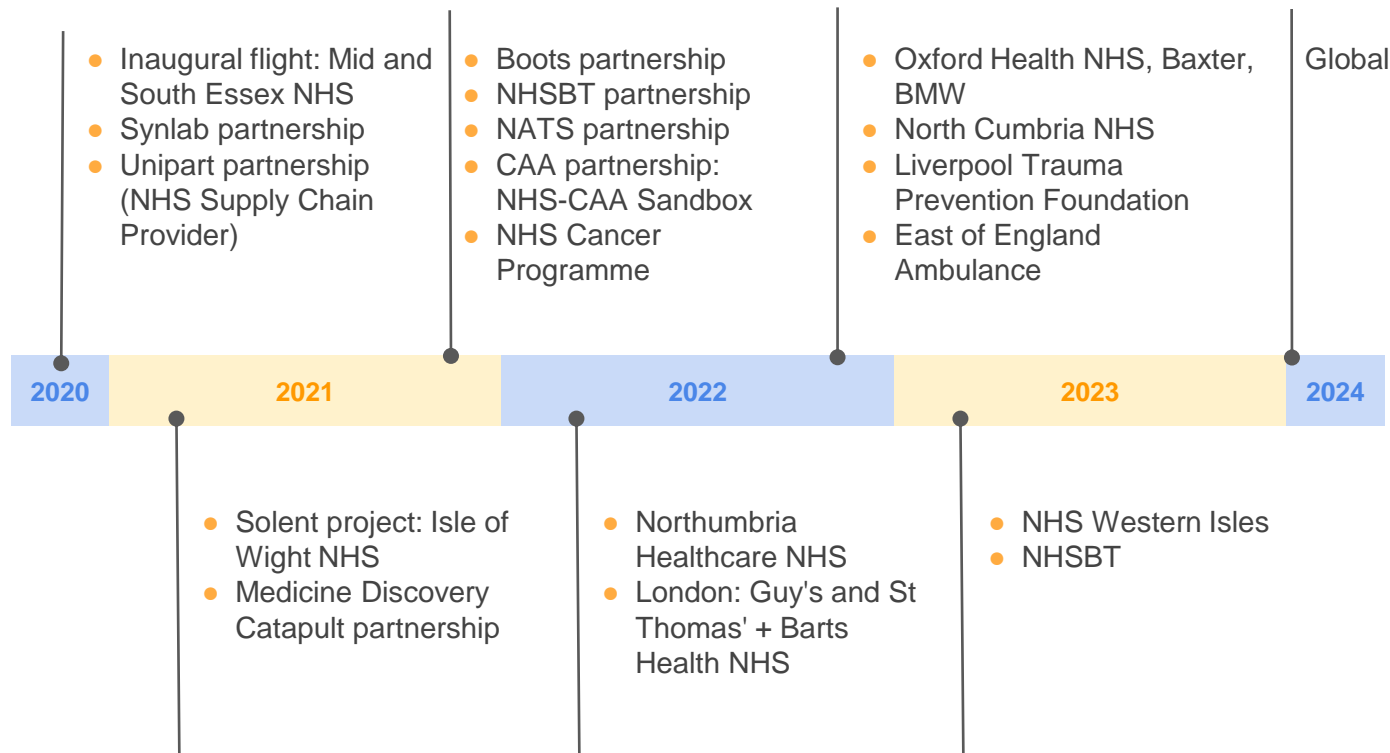
**SYNLAB**

## **NHS** partnerships

- NHS Blood & Transplant
- NHS Supply Chain provider, Unipart
- NHS Cancer Programme
- NHS Clinical Entrepreneur Programme
- NHS Greener Programme



# Impactful traction in just 2 years



✓ Only drone partner to NHS Supply Chain provider

✓ Only drone partner to Boots

🕒 World's first chemo delivery

🕒 UK's first prescription delivery

🕒 UK's first inter-Trust delivery

🕒 London's first drone delivery

🕒 UK's first emergency health service delivery

🕒 UK's first blood delivery

🕒 UK's first organ delivery



**BBC South**

@BBCSouthNews

...

Drones could be used to deliver chemotherapy drugs to cancer patients from Hampshire to the Isle of Wight.



**BBC NEWS**

[bbc.co.uk](https://bbc.co.uk)

Isle of Wight NHS trust trials drones for chemotherapy deliveries

Isle of Wight NHS Trust starts three-month trial to deliver chemotherapy drugs to patients via drone.

9:13 PM · Sep 24, 2021 · SocialFlow



**Sebastian James**

@BootsSebJ

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Drone trial on isle of Wight for rapid medicine delivery. Who knows? It could be the future...

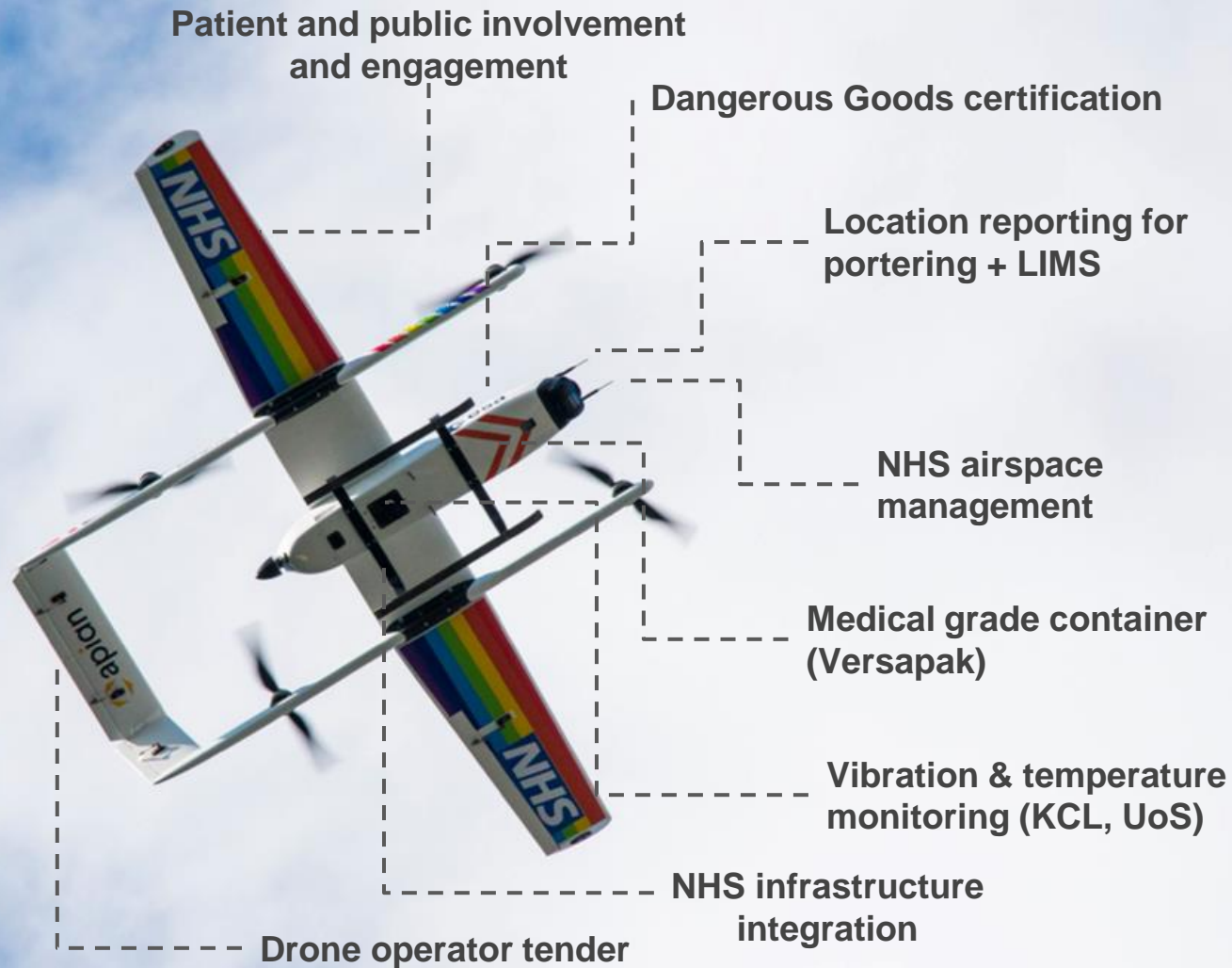


8:52 AM · Oct 11, 2021 · Twitter for iPhone

# 9 projects over 18-24 months

	Solent	East of England	Liverpool	London	Manchester	Northumbria	North Cumbria	Oxford	Western Isles
Use-case	Permanent airspace for chemo and pathology	Multimodal resupply of ambulances & AAM research	Lifesaving trauma relief delivery of small bleeding control pack	Inner city pathology	Pathology to Government Lighthouse Lab	Inter-Trust drone delivery network of Chemo and blood samples	Nuclear medicines	Airbridge into London delivering chemo	Supplies to Isle of Harris GP
Max single leg distance	26km	74km	26km	1.2km	10km	45km	57km	54km	80km
Flight type	Scheduled	Scheduled	On demand	Scheduled	Scheduled	Scheduled	Scheduled	On demand	Scheduled
Payload mass	10kg	10-20kg	5kg	<8kg	<8kg	20kg	20kg (TBC)	20kg	10kg
Payload type	UN3373	TBC	N/A	UN3373	UN3373	UN3373	UN2915	UN3373	UN3373

# Learning curve



# Come fly with us!

**hello@apian.aero**

