



Drones and the Post: Challenges and Opportunities

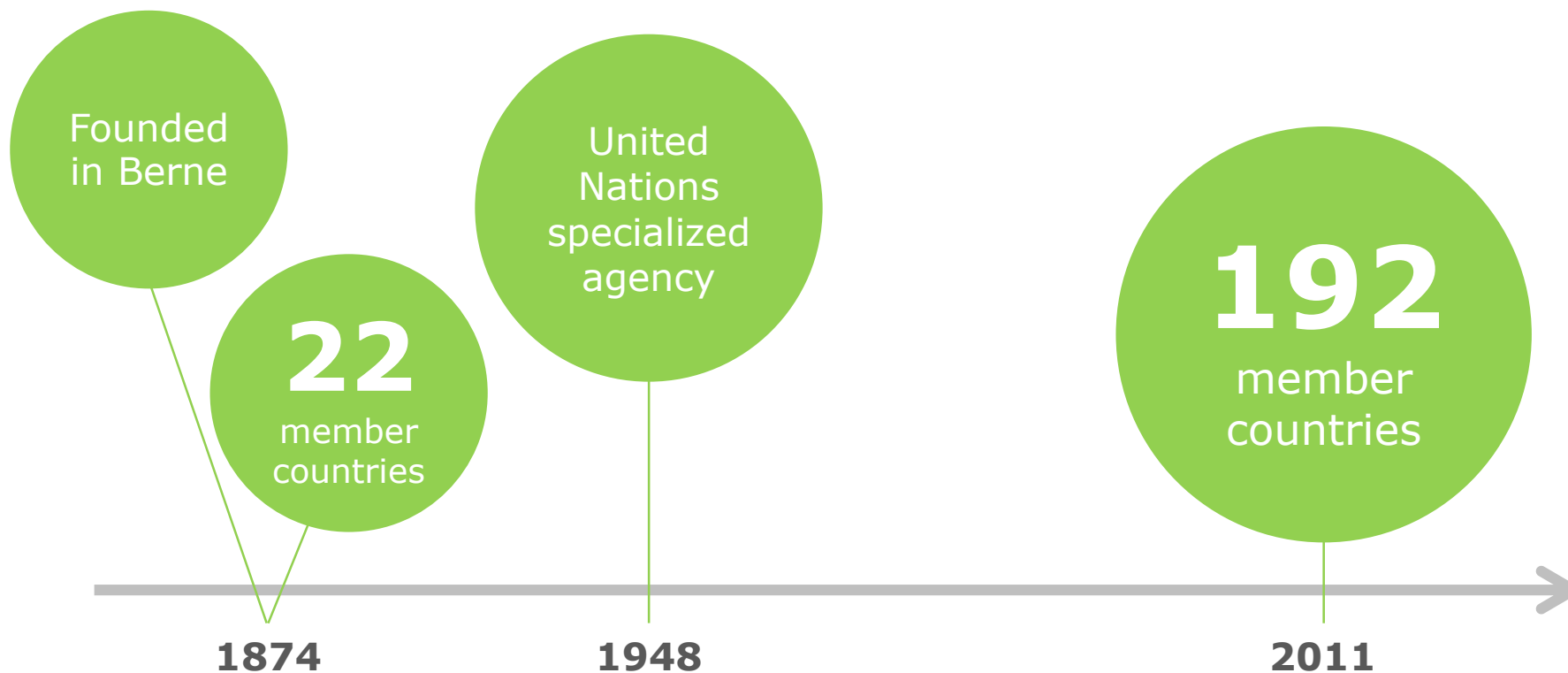
ICAO Drone Enable Symposium

Presentation by:

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The Universal Postal Union





The Universal Postal Union

**303.2
billion**

letter-post items

9

billion

parcels

5.3

million

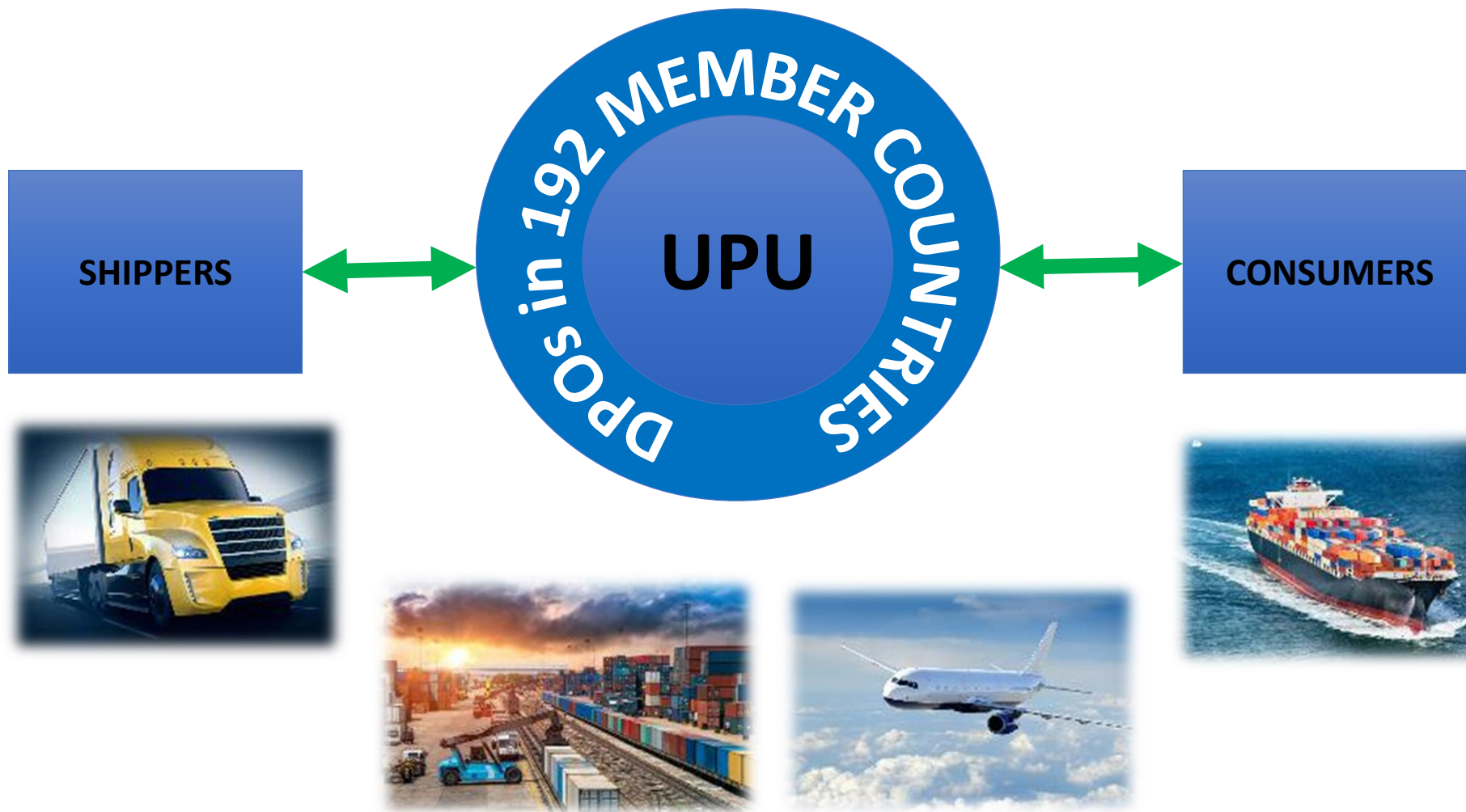
employees

More than
670,000
post offices

Some **80%** of the world's
citizens have mail delivered
directly to their homes

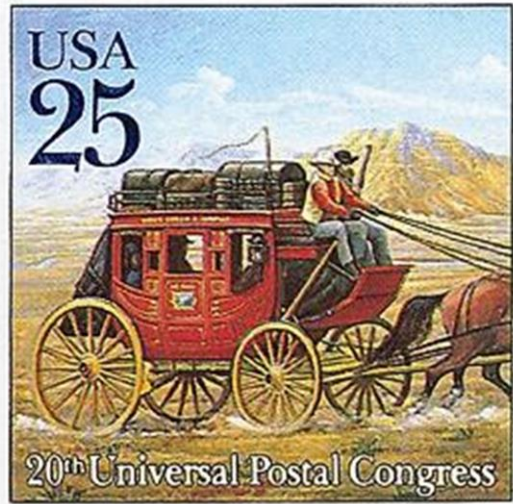


Mail Moves in Many Ways





Postal Innovation





Drone Delivery: Challenges



Drone Delivery Concerns: Practical Considerations





Drone Delivery Concerns: Security

2 Tennessee Students Arrested For Attacking Delivery Robot

By Sarah Tate
May 5, 2022



<https://www.iheart.com/content/2022-05-05-2-tennessee-students-arrested-for-attacking-delivery-robot/>



Drone Delivery Concerns: Safety/Liability



<https://www.therobotreport.com/wing-drone-crashes-into-power-lines-in-australia/>



Drone Delivery Concerns: Regulatory Framework



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POSTAL
UNION

Convention Manual

Update 3 – May 2021



Drone Delivery: Opportunities



Opportunities: Overcoming Current Relevant Challenges





Drone Delivery Opportunities: Greater Efficiency





Drone Delivery Opportunities: Increased Safety





Drone Delivery Opportunities: Expansion of Service Area



<https://www.youtube.com/watch?v=OSuG98S8yCE>



Drone Delivery Opportunities: Delivery on Demand?





Thank You!

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