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Level 5 – 24th September, 2019 Airbus unveils plans for zero-emission planes

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Please try Levels 4 and 6. They are (a little) harder.





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THE READING

From https://breakingnewsenglish.com/2009/200924-zero-emission-aircraft-5.html

The aircraft maker Airbus has unveiled big plans for the world's first zero-emission aircraft. The airline giant predicts its hydrogen-powered commercial airplanes could be flying by 2035. The concept is a shift away from battery power. Many in the industry believe batteries are the answer for carbon-zero airplanes. Airbus says batteries could be impractical for large airplanes and hydrogen is better. The company said the switch to hydrogen would require "decisive action from the entire aviation ecosystem". This means redesigned airports and refuelling infrastructure.

The Airbus CEO said there were three designs. He said one of these will be chosen moving forward. He said the three "ZEROe" designs were "a historic moment for the commercial aviation sector". The CEO said: "We intend to play a leading role in the most important transition this industry has ever seen." He added that hydrogen fuel had "the potential to significantly reduce aviation's climate impact". He added: "With the support from government...we can rise up to this challenge to scale up renewable energy and hydrogen for the sustainable future of the aviation industry."

Sources: https://www.**bbc.com**/news/business-54242176 https://edition.**cnn.com**/2020/09/21/business/airbus-zero-emissions-plane/index.html https://www.**flightglobal.com**/air-transport/airbus-turns-to-hydrogen-as-energy-promise-ofbatteries-fades/140254.article

PHRASE MATCHING

From https://breakingnewsenglish.com/2009/200924-zero-emission-aircraft-5.html

PARAGRAPH ONE:

unveiled big
 the world's first zero-emission
 batteries are
 a shift away
 batteries could
 the switch
 decisive
 This means redesigned

PARAGRAPH TWO:

| 1. | one of these will | a. | moment |
|----|-----------------------------|----|----------------------|
| 2. | moving | b. | industry |
| 3. | a historic | c. | this challenge |
| 4. | We intend to play a leading | d. | climate impact |
| 5. | the most | e. | be chosen |
| 6. | reduce aviation's | f. | role |
| 7. | we can rise up to | g. | forward |
| 8. | the aviation | h. | important transition |

 Level • 5
 Airbus unveils plans for zero-emission planes - 24th September

- a. be impractical
- b. action
- c. from battery power
- d. aircraft
- e. airports
- f. the answer
- g. to hydrogen
- h. plans

LISTEN AND FILL IN THE GAPS

From https://breakingnewsenglish.com/2009/200924-zero-emission-aircraft-5.html

The aircraft maker Airbus (1) ______ plans for the world's first zero-emission aircraft. The airline giant predicts its hydrogen-powered commercial airplanes (2) ______ by 2035. The concept is (3) ______ from battery power. Many in the industry believe batteries are the answer for carbon-zero airplanes. Airbus says batteries (4) ______ for large airplanes and hydrogen is better. The company said (5) ______ hydrogen would require "decisive action from (6) ______ hydrogen would require. This means redesigned airports and refuelling infrastructure.

of these will be chosen moving forward. He said the three "ZEROe" designs were "(8) _______ for the commercial aviation sector". The CEO said: "We (9) ______ a leading role in the most important transition this industry has ever seen." He added that hydrogen fuel had "(10) _______ significantly reduce aviation's climate impact". He added: "With the support from government...we can rise up (11) ______ to scale up renewable energy and hydrogen for the sustainable future of (12) ______."

PUT A SLASH (/) WHERE THE SPACES ARE

From https://breakingnewsenglish.com/2009/200924-zero-emission-aircraft-5.html

TheaircraftmakerAirbushasunveiledbigplansfortheworld'sfirstzeroemissionaircraft.Theairlinegiantpredictsitshydrogen-poweredcom mercialairplanescouldbeflyingby2035.Theconceptisashiftawayfrom batterypower.Manyintheindustrybelievebatteriesaretheanswerforc arbon-zeroairplanes. Airbussaysbatteries could be impractical forlar geairplanesandhydrogenisbetter.Thecompanysaidtheswitchtohydr ogenwouldrequire"decisiveactionfromtheentireaviationecosystem" .Thismeansredesignedairportsandrefuellinginfrastructure.TheAirbu sCEOsaidtherewerethreedesigns.Hesaidoneofthesewillbechosenmo vingforward.Hesaidthethree"ZEROe"designswere"ahistoricmoment forthecommercialaviationsector".TheCEOsaid:"Weintendtoplayale adingroleinthemostimportanttransitionthisindustryhaseverseen."H eaddedthathydrogenfuelhad"thepotentialtosignificantlyreduceaviat ion'sclimateimpact".Headded:"Withthesupportfromgovernment... wecanriseuptothischallengetoscaleuprenewableenergyandhydroge nforthesustainablefutureoftheaviationindustry."

ZERO-EMISSION AIRPLANES SURVEY

From https://breakingnewsenglish.com/2009/200924-zero-emission-aircraft-4.html

Write five GOOD questions about zero-emission airplanes in the table. Do this in pairs. Each student must write the questions on his / her own paper. When you have finished, interview other students. Write down their answers.

| | STUDENT 1 | STUDENT 2 | STUDENT 3 |
|------|-----------|-----------|-----------|
| Q.1. | | | |
| Q.2. | | | |
| Q.3. | | | |
| Q.4. | | | |
| Q.5. | | | |

- Now return to your original partner and share and talk about what you found out. Change partners often.
- Make mini-presentations to other groups on your findings.

WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student A: Do not show these to your speaking partner(s).

| | |
|------|------|
| | |
| | |
| | |
| | |
| | |
| | |

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WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student B: Do not show these to your speaking partner(s).

| a) | | |
|----|------|------|
| b) | | |
| c) | | |
| d) | | |
| e) | | |
| f) | | |
| | | |

WRITING

From <u>https://breakingnewsenglish.com/2009/200924-zero-emission-aircraft-5.html</u>

Write about **zero-emission airplanes** for 10 minutes. Read and talk about your partner's paper.