A batch = un lot

Less than truck load = chargement partiel

Fuel surcharge = facturation supplémentaire pour carburant

Deadhead

The hub & spoke system is a logistical model which is used in aviation, which organizes transportation around a central point, the hub, which is connected to several secondary points, the spokes. This model channels flows of goods, passengers, or information toward the hub, where they are sorted, processed, or consolidated before being redirected to their destination. This system enables centralized operations, reduces operational costs, and optimizes the frequency of routes. However, this system also has limitations, notably a high dependency on the hub, which, if congested or disrupted, can impact the entire network.

Deepl write correction proposal

The hub-and-spoke system is a logistics model used in aviation that organizes transportation around a central point, the hub, connected to multiple secondary points, the spokes. This model directs flows of goods, passengers, or information to the hub, where they are sorted, processed, or consolidated before being forwarded to their destination. This system enables centralized operations, reduces operating costs, and optimizes route frequency. However, this system also has limitations, notably a high dependency on the hub, which, if congested or disrupted, can affect the entire network.

**According to the video, what were the different types of routing organization?**

The alternative to hub-and-spoke routing is point-to-point routing.

Who uses point-to-point? Low-cost companies.

What are the main advantages of H&S systems?

1/ they optimize routes, by increasing capacity use.

2/ they simplify the shipment process

3/ it allows for more frequent flights

4/ it minimizes the application of efforts

What were the different types of H&S organization proposed?

1/ **mega-hubs**: they serve as hubs to more than one airline

2/ hinterland hubs: they exist in Europe, and these are the classical hubs

3/ secondary hubs – like the one in Munich for Lufthansa

4/ mulit-hubs: an airline would operate several hubs

5/ hourglass hubs: in this case, travel is in one direction (generally west to east).

What are the disadvantages of H&S?

1/ slower response times

2/ the sustainability?

3/ baggage handling is more complicated (or at least it is easier with point-to-point travel)

4/ H&S systems respond more slowly to emergencies

**Trucking / road haulage**

Long-haul truckers are the *unsung heroes* of our economy. (They are not applauded.)

The share of road haulage in total freight movement, by weight, is more 70% in Europe and the US.

13.6 million vehicles in the US

Semi-trailer trucks have two qualities:

1/ they are fuel-efficient;

2/ they are manoeuvrable.

How many miles do they travel per year in the US and the EU? 100,000 miles and 75,000 miles respectively.

Any suggestions for a debate?

Are the students right in blocking Tolbiac?

The war is not going to finish quickly. And the university authorities will not change quickly.

There was a game between Ajax Amsterdam against Maccabi Tel-Aviv. Maccabi supporters provoked local residents, and they were attacked after the game.

Maccabi supporters took down a flag – perhaps several – Palestinian flags.

There were demonstrations and the mayor of Amsterdam asked for them to be cancelled.

I fear that the presence of Macron and Barnier will not calm things down.

“The Substance” is good, but it is not the film of the year. There was a good moral.

The COP29 is taking place in Baku, Azerbaijan.

The president of the country is the son of a former member of the USSR’s politburo