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UNIVERSITY OF
TECHNOLOGY

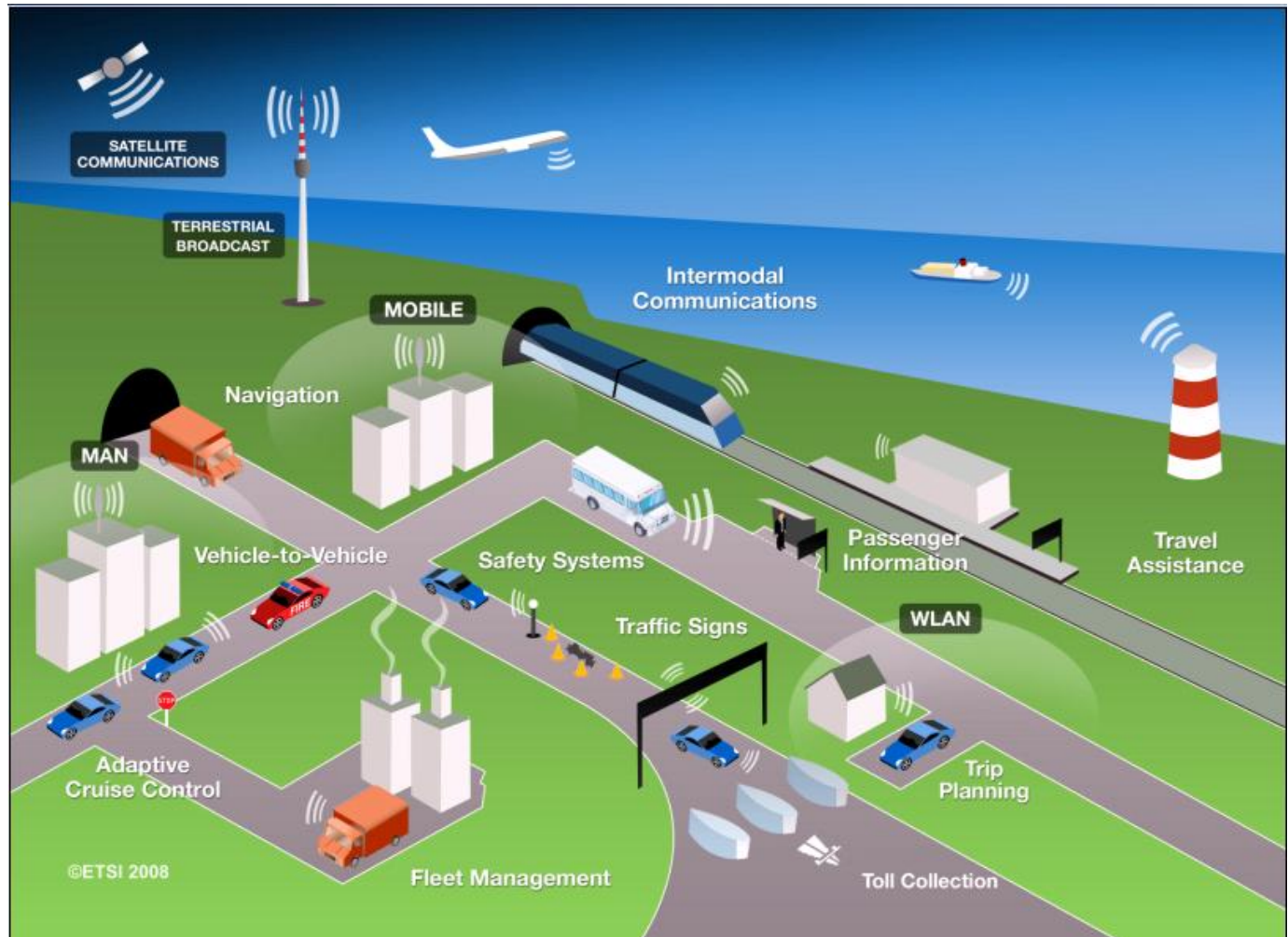
Highlights from the Vic Fellowship's mission

The French experience

by Hai L. Vu



The Mission



Source: www.etsi.org/WebSite/document/Technologies/ETSI-ITS.jpg

The first Stop



SPIRIT OF INNOVATION

Knowledge, skills and life skills of the engineer

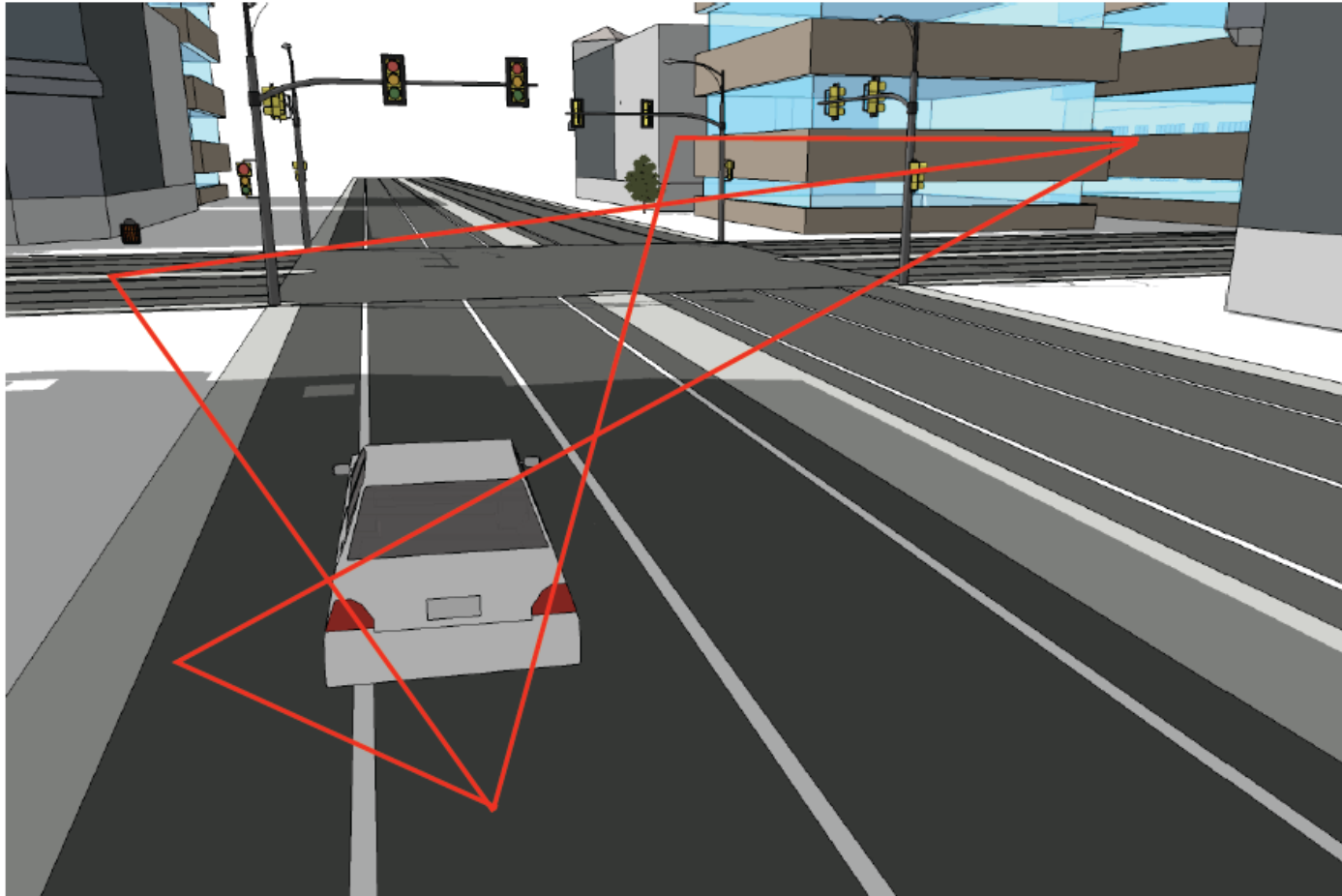
EXPERTISE AND TRANSFER

Supporting the development of ICT

OPENNESS

Cosmopolitan,
creative, eclectic and citizens

Networking coding in V2I





The Second Stop



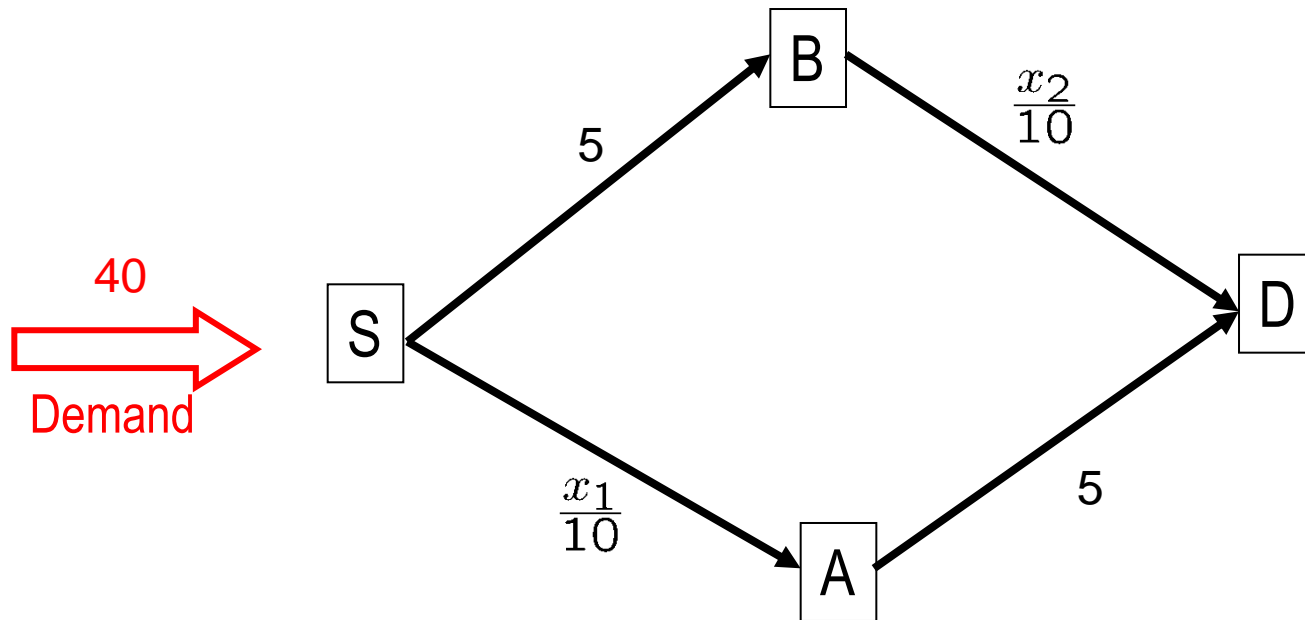
Seminar 1



Seminar 2



Braess's paradox

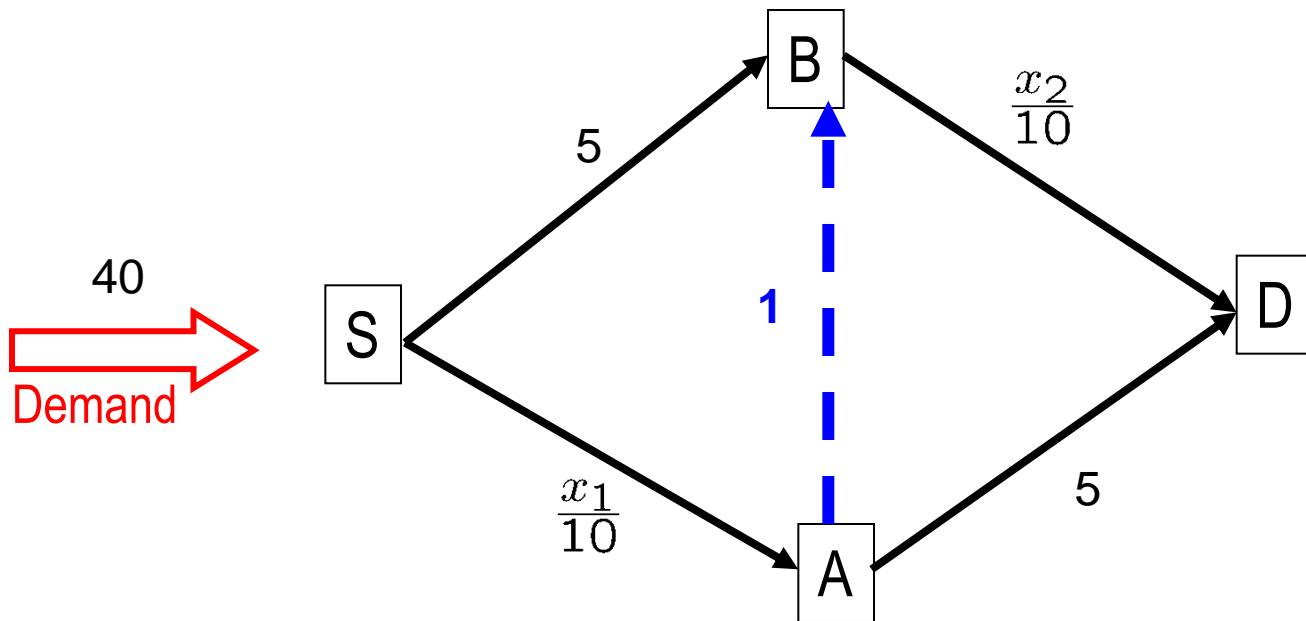


$$P_1 = \{S, A, D\} \text{ and } P_2 = \{S, B, D\}$$

$$\text{UE: } \{P_1, P_2\} \text{ with } x_1 = x_2 = 20 \text{ and } C(P_1) = C(P_2) = 20/10 + 5 = 7$$

German mathematician Dietrich Braess, 1969

Braess's paradox Cont.

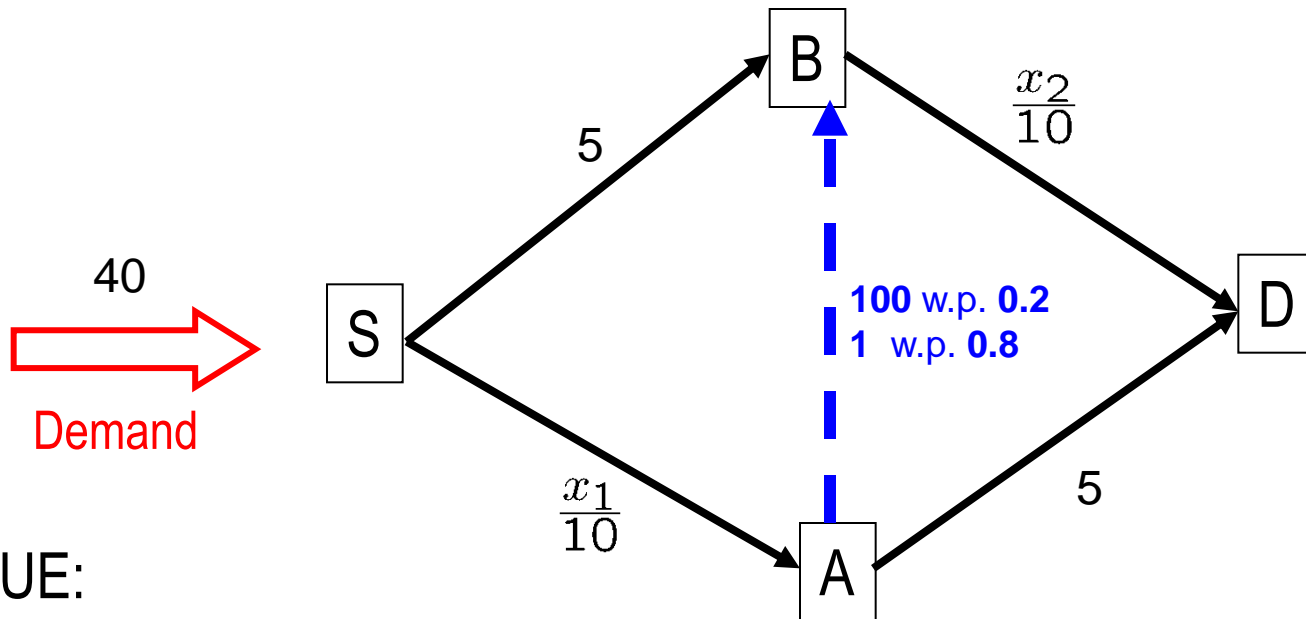


$P_1 = \{S, A, D\}$, $P_2 = \{S, B, D\}$ and $P_3 = \{S, A, B, D\}$

UE: $\{P_3\}$ with $x_1 = x_2 = 40$ and

$$C(P_3) = 40/10 + 5 = 9$$

Real-time info EU



UE:

$$P_1 = \{S, B, D\}$$

$$P_3 = \{S, A, D\} \text{ and } P_5 = \{S, A, U, B, D\} \& \{S, A, C, D\}$$

$$\text{with } x_1 = 2.5 + 29.16 = 31.66 \text{ and}$$

$$x_2 = 8.33 + 23.33 = 31.66$$

$$C(P_1) = C(P_3) = C(P_5) = 8.16$$



THANK YOU