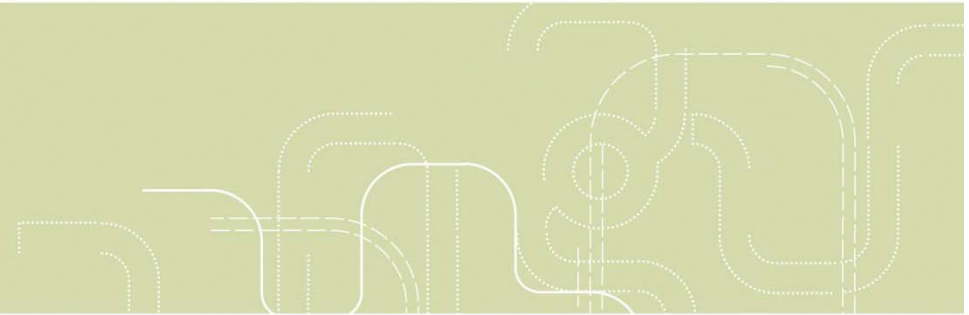


Emergent use of videoconferences among business travellers: Norwegian experiences

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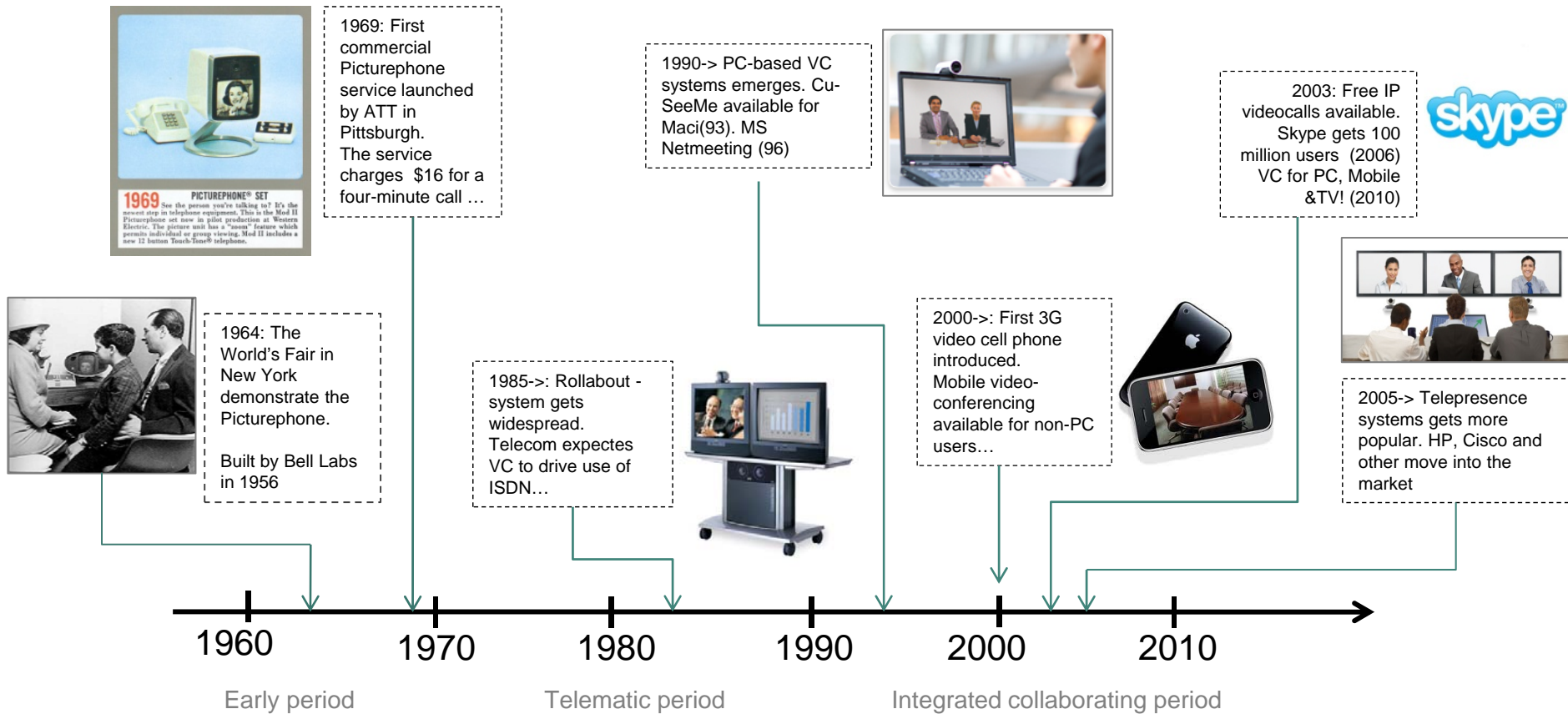
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AGENDA

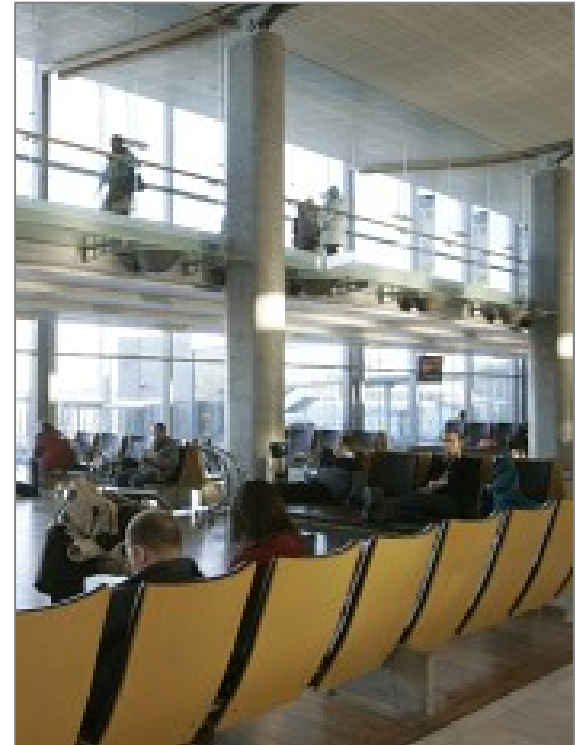
- How are videoconferences used today?
- What are the motives driving the use of videoconferences?
- How will the new usage patterns affect on the need for bussines travels?

Videoconferences then and now...



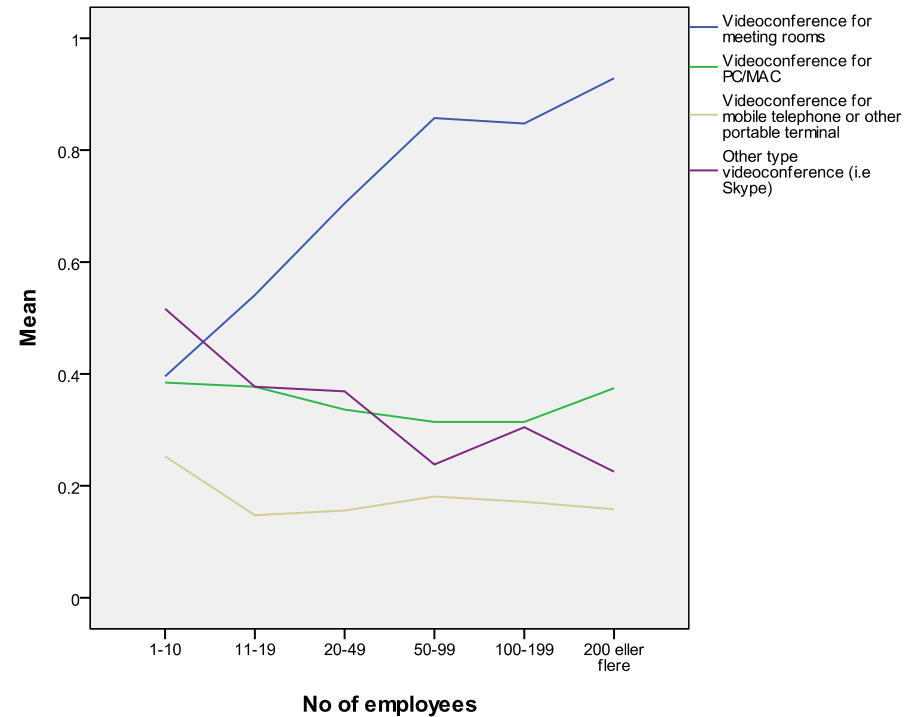
The data: a web survey of Norwegian business travellers

- **Recruitment**
 - Business passengers were recruited at Oslo airport, Gardermoen, in two weeks in December 2009 and January 2010.
 - The recruitment was done in the peak hours on weekdays when the number of business passengers is highest
- **Sample**
 - Approximately 1500 usable responses
- **Themes**
 - Their present business travel
 - Last videoconference
 - Attitude battery to explore opinions to use of videoconferences (VC), and business travels in general
- This presentation give some early insights..



Access: Room-based VC systems are still dominating...

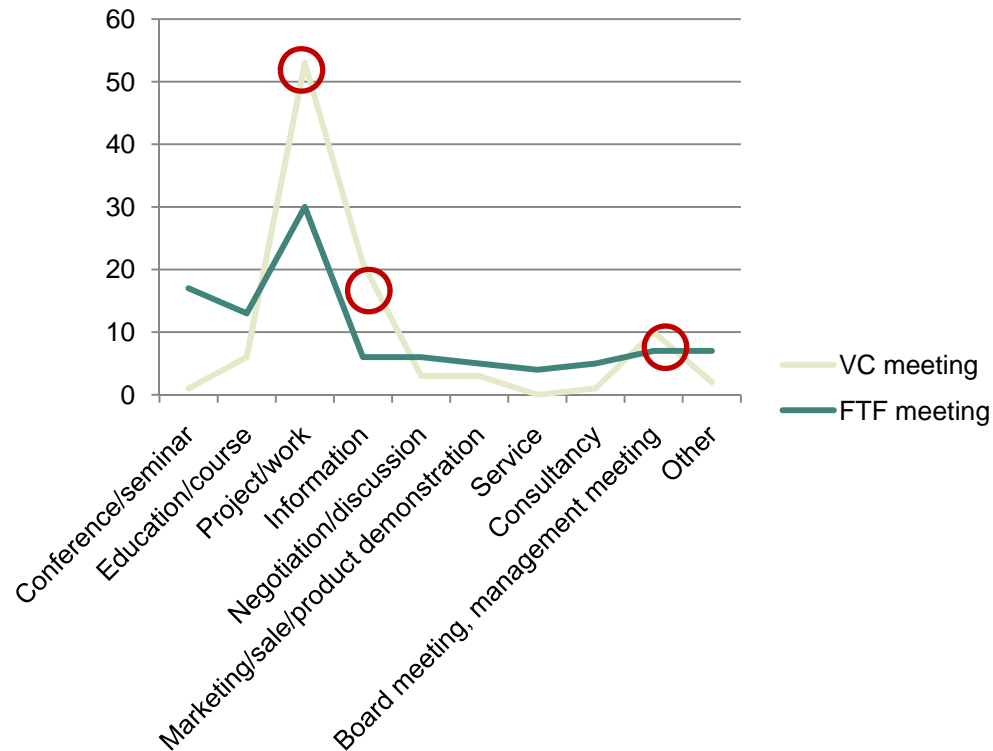
- Videoconferencing systems are widely accessible:
 - 68% of all travellers have access to videoconference technology
 - Almost 3/4 of those with access to VC technology had participated on a videoconference last year.
- Room based systems are still most common:
 - 54 % of all business travellers have access to room based VC
- Alternative systems winning ground
 - Almost every fourth business traveller have access to PC based conferences (24%)
 - Mobile videoconference systems are available for 11% and 20% use other systems (i.e. skype)
- Small companies tends to rely more on desktop conferences and use of mobile terminals*



* The difference is significant for VC-meeting rooms and other systems (skype) on a 0.000 level.

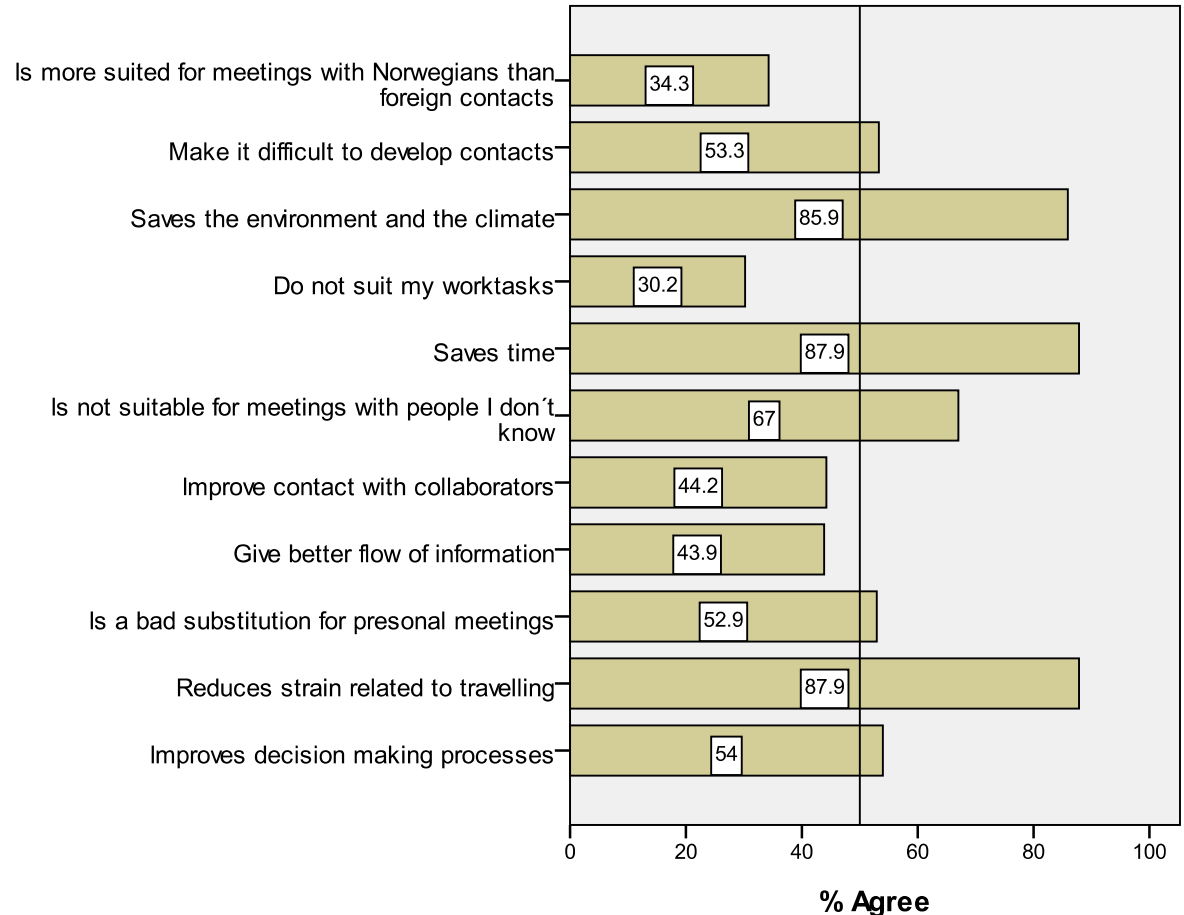
Videoconferences differ from FTF-meetings along several core dimensions

- Preparation
 - VC demands less time: About 50% of the VC meetings are planned within a week's horizon.
 - Not more than 20 percent of the face-to-face meetings have such a short planning horizon
- Duration
 - VC are shorter: An average VC lasts for 2 hours The FTF where on average three times longer (i.p. board meetings and conferences)
- Participators
 - Videoconferences are mainly business internal: Over 60% of all VC are intra-organizational meetings, compared to 40% of the FTF meetings
- Type of meeting
 - Most VC are (internal) project meetings.
 - Meetings for immediate information sharing and board meetings are also common
- VC and FTF meetings seems to fulfil slightly different needs



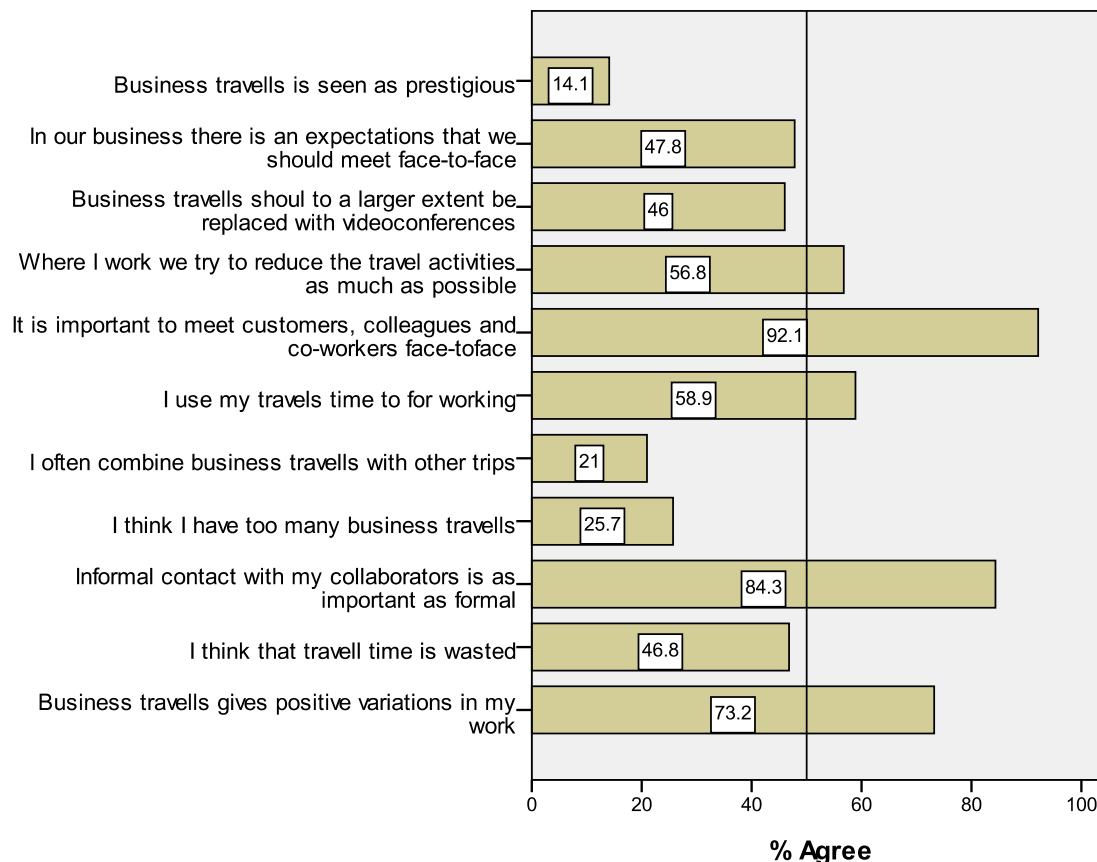
Videoconferences are motivated by saving of time, travel strains and environmental concerns

- Highest ranked benefits related to VC are possibilities for time savings and reduction of travel strain and environmental benefits (over 85% agree)
- Yet; a majority also feel that VCs are not suitable for meetings with new contacts (67% agree), and that VCs makes it difficult to develop new contact (53% agree)



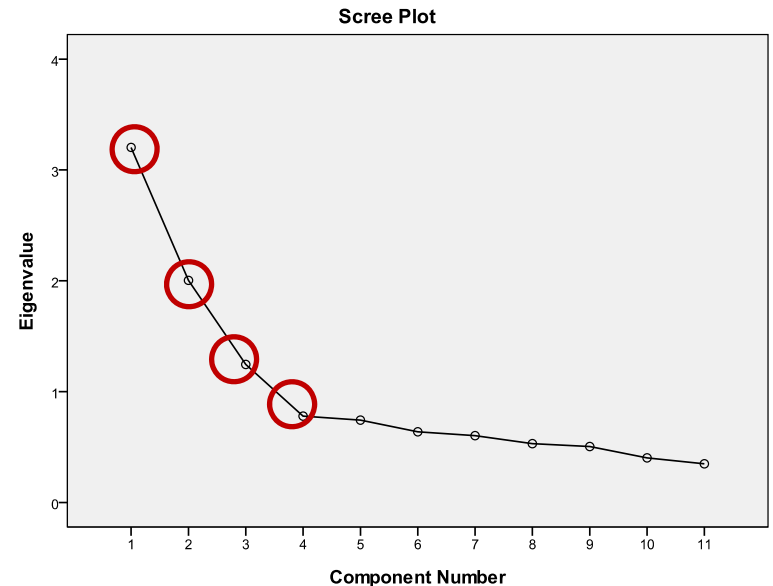
Business travells are motivated by a need for informal contact and network development

- A large majority see the FTF meetings as important (92% agree)
- The informal contact related to FTF meetings is seen equally important as the formal contact by over 80%
- Yet; Some feel that the travel is waste of time (46%), but the majority seem to enjoy the variation caused by travells
- Business travells are (no longer) perceived as prestigious



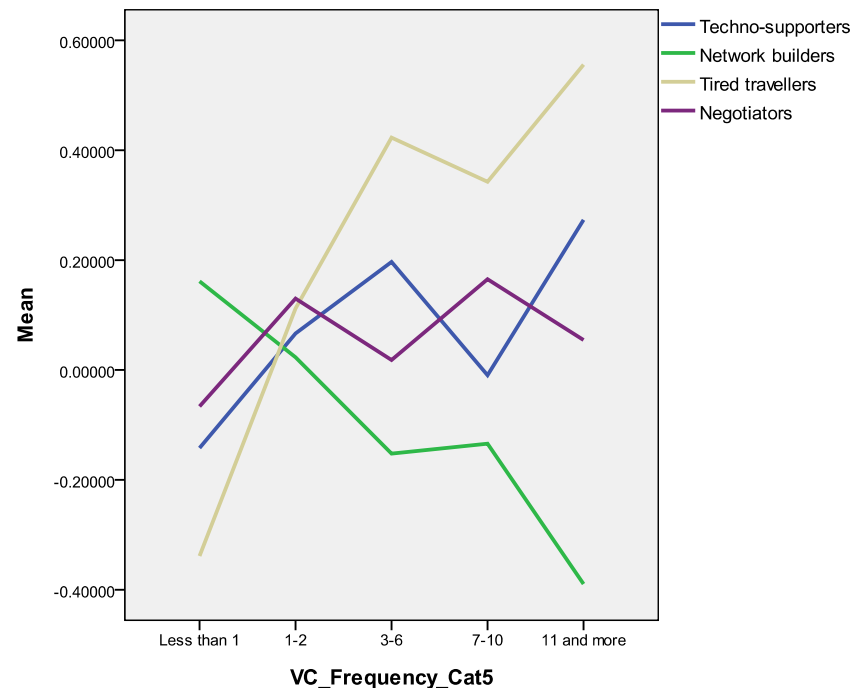
Four main orientations to videoconferences and travelling

- “Techno enthusiasts”:
 - VC can reduce travel strain;
 - VC saves time;
 - VC improves information flow;
 - VC should be used more to reduce travels
- “Networker builders”:
 - VC makes it difficult to develop contacts;
 - VC is a bad substitution for personal contacts.
 - VC Don't fit my work tasks
- “Tired travellers”:
 - I have too many travels;
 - Travel is waste of time;
 - VC should be used more to reduce travels
- “Negotiators”:
 - It is important to meet customer, partners and colleagues FTF;
 - Informal contact is as important as the formal;
 - There are expectations of meeting FTF in our business



“Tired travellers” are most eager *users* of VCs

- The “network builder” attitude is negatively related to frequencies of videoconferences
 - A high need for networking seems to reduce the use of VC
 - This is a common attitude among employees & managers in small enterprises
- The “tired travellers” have participated in most videoconferences last year
 - A negative attitude to travelling might initiate the use of VC
 - These are overrepresented in larger enterprises and among people who already travel a lot
- The “techno supporter” attitude is positively related to number of videoconferences last year
 - Yet, to a lesser degree than the tired travellers



How will videoconferencing affect on the demand for business travels?

- VC will be used to take shares of the aviation market related to particular situations
 - In situations of economic downturn
 - Example: Norway 1998-2003 : VC may have substituted for 2.5-3.5 % of all domestic business air-travels
 - As “backup” in cases of emergency
 - Environmental disasters, Terror attacks, political crisis, etc
 - Example: the volcano ash crisis in April: 3-7% replaced travel-related FTF meeting with VC
 - Related to travel tiredness
 - As the number of longer business travels increase this will be more important
- Still, the potential for long term substitution of aviation traffic is moderate
 - The need to build relations, sustain trust, and the symbolic values connected to FTF- meetings are driving the need for business travels
 - Development towards globalisation and knowledge intensive economies are likely to strengthen the need for both videoconferences *and* business travells



The Norwegian Prime minister participates in a videoconference, in New York during the volcano eruption

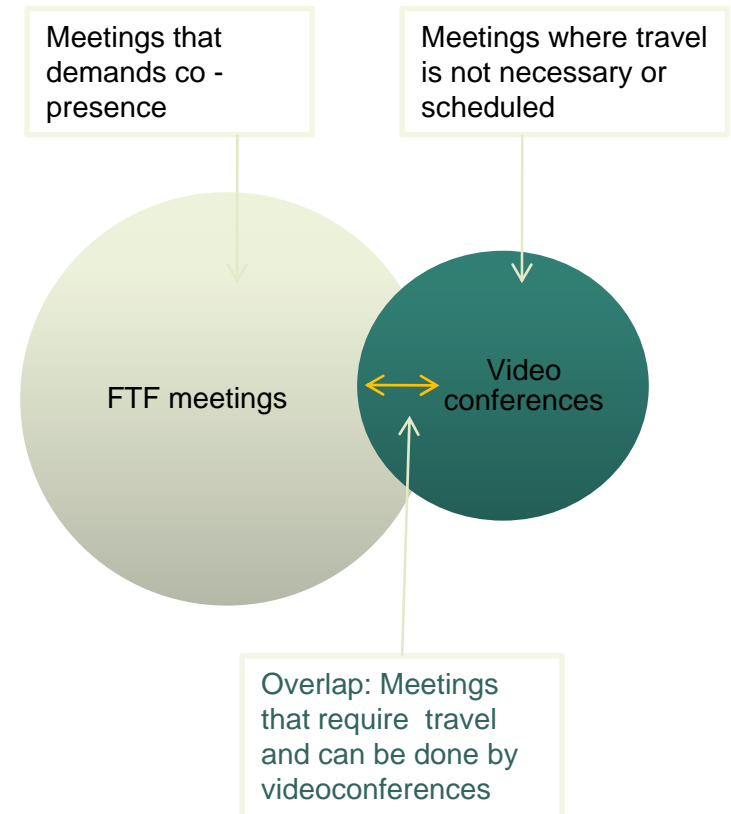
“Trust needs touch [...] Paradoxically, the more virtual an organization becomes, the more its people need to meet in person“

Charles Handy (1995)

Conclusions

- Videoconferences have got a strong and persistent foothold among business travellers
 - Conference rooms still dominates., i.p. among those working in larger organizations
 - Smaller enterprises rely more on desktop conferences, mobile conferences and VOIP (Skype).
- Videoconferences and FTF-meetings have complementary functions
 - VC is mainly used as an additional solution to FTF meetings, where relations already has been established.
 - FTF meetings are necessary to build new connections, develop trust and express confidence across geographical and cultural boundaries
- Yet, there is an “overlap” where videoconferences can substitute for FTF meetings.
 - In cases of emergencies, need for cutting costs or to avoid travel tiredness, the share of VC can be extended.
 - Efficient and convenient transportation, as well as attractions related to travel, may also reduce this space

Meetings with distributed partners



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