

# Use cases for HD testplan: format consideration

Kyoto VQEG meeting  
March 2008

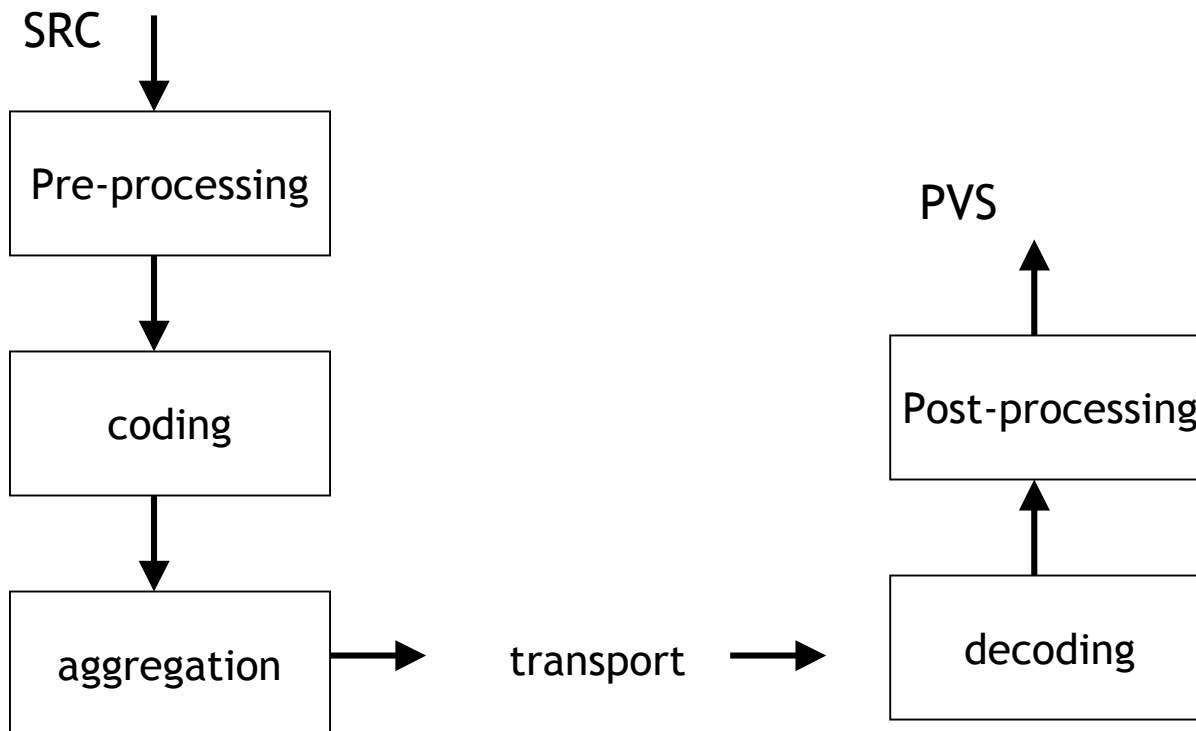


P. Le Callet, R. Pépion

# Usual scenario

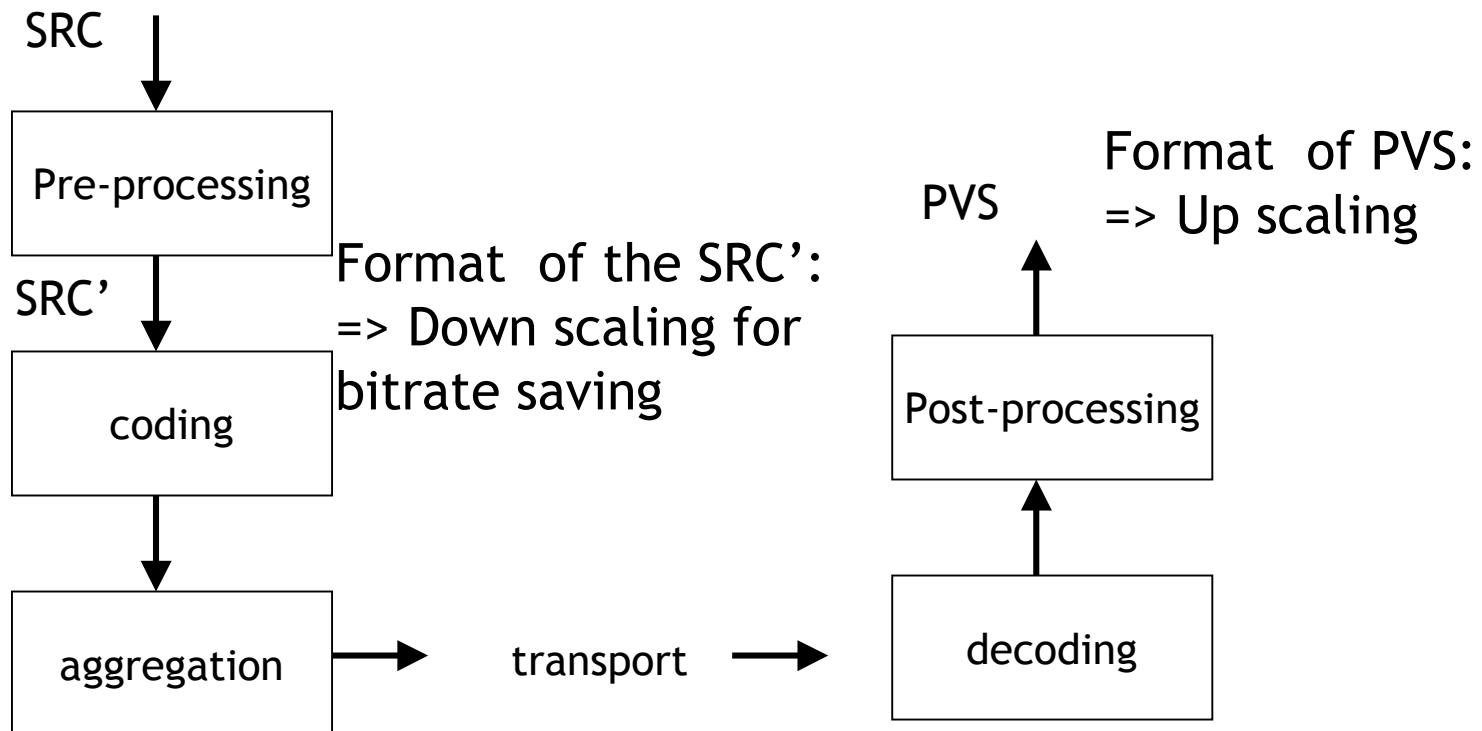
## Fact

Final users have full HD or HD ready displays :  
=> upscaling is mainly used



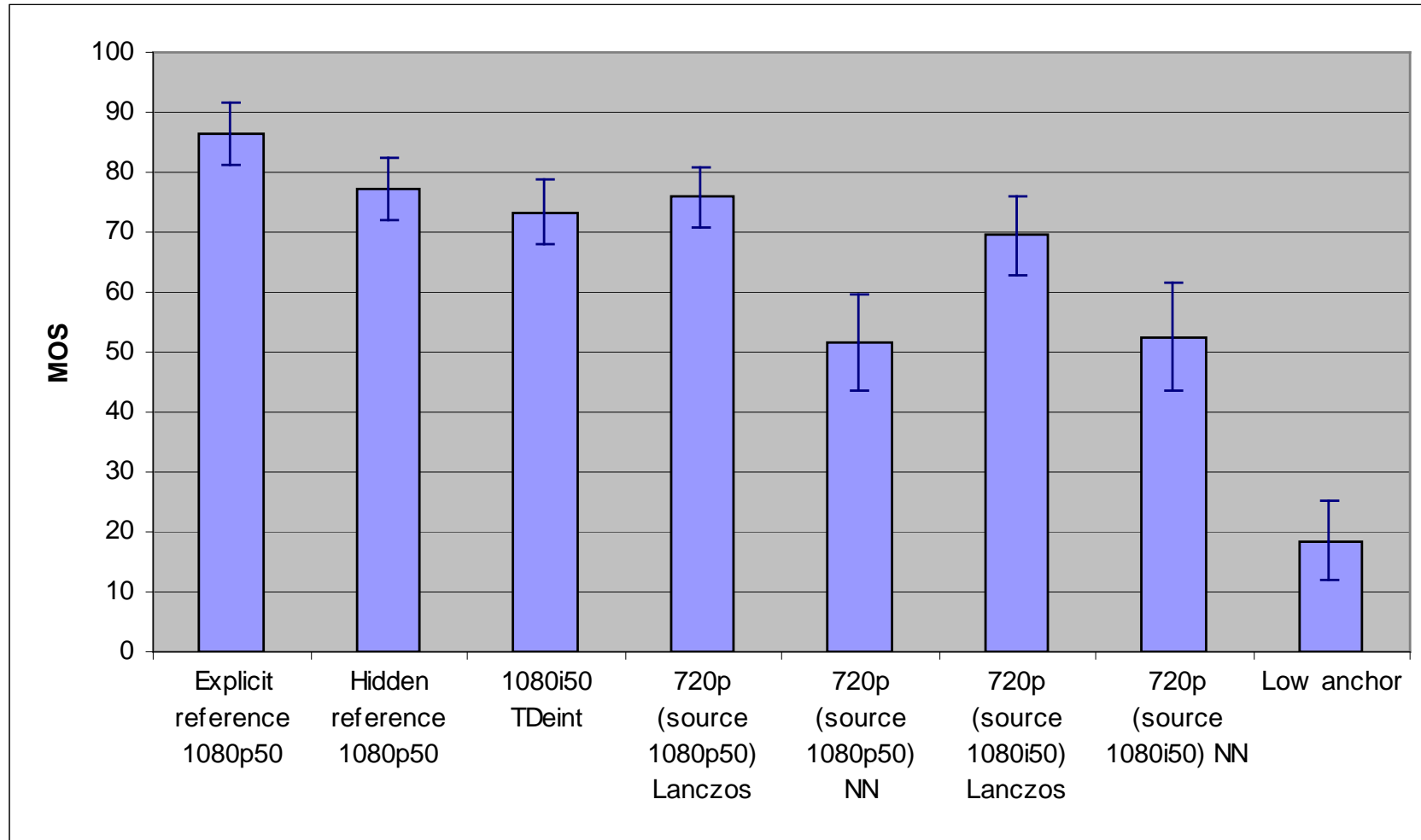
# Issues

Format (e.g; resolution p or i) of the SRC:  
=> Mainly 1080i, sparsely 1080p



# Typical study

(requested by industry)



# proposal for HDTV Testplan

720p native is of limited interest since it will be upscaled...  
... but is of huge interest as part of HRC (using down and up scaling) when displayed at 1080

⇒ subjective testing could be conducted only at 1080  
(e.g. models will see only 1080 SRC)

SRC issues :

- 1080i only
  - pros: many available SRCs, faster testplan
  - cons: scenario are missing
- 1080i and 1080p
  - pros: more scenarios,
  - cons: SRC (some 1080p SRC could be obtained from 1080i)
- 1080p only
  - pros: models see only p format