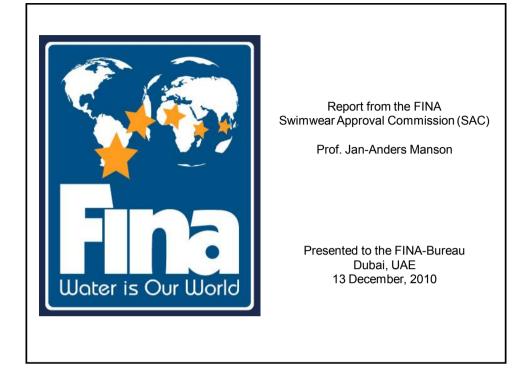
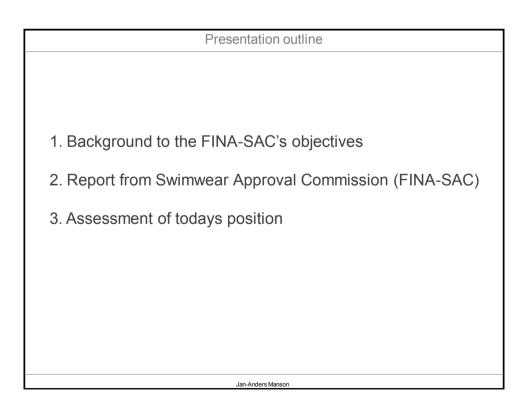
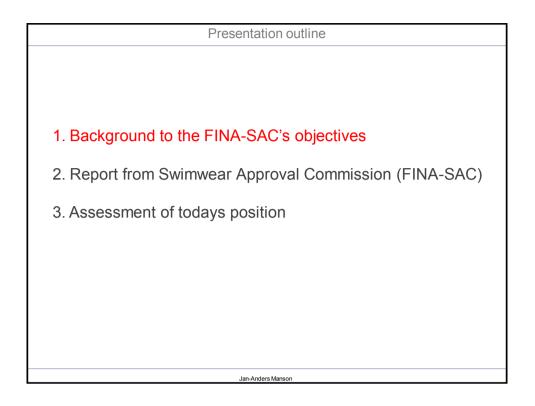
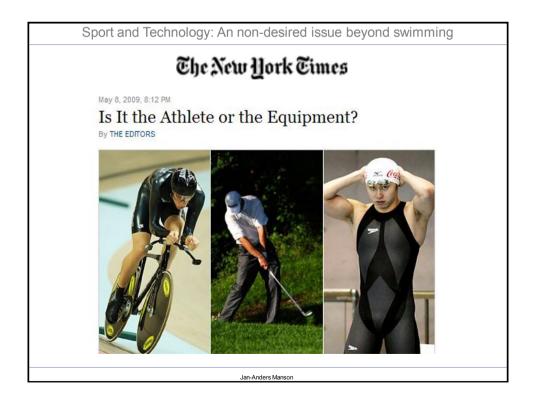
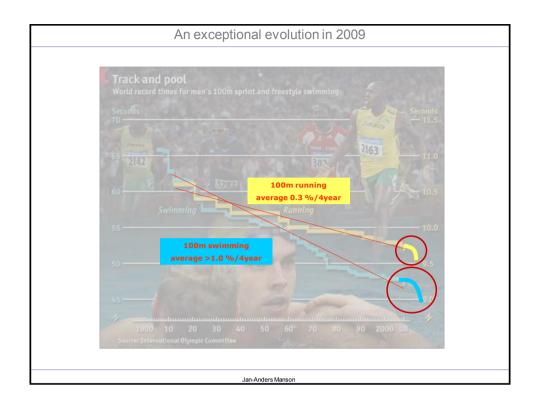
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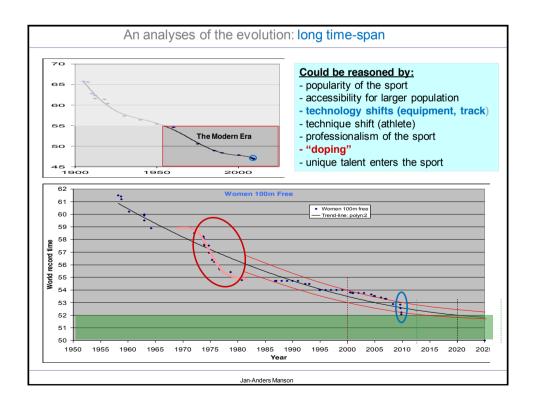


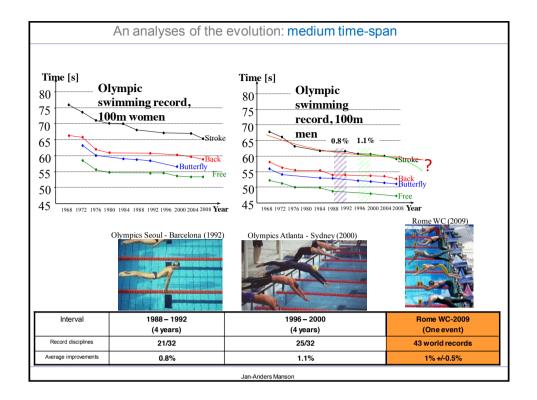


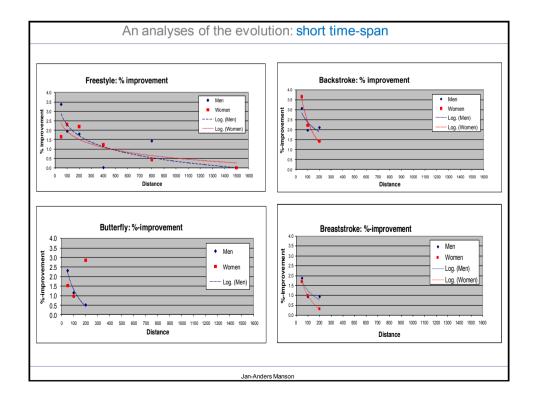




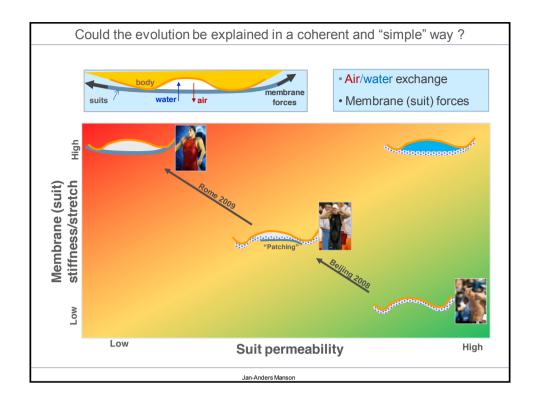


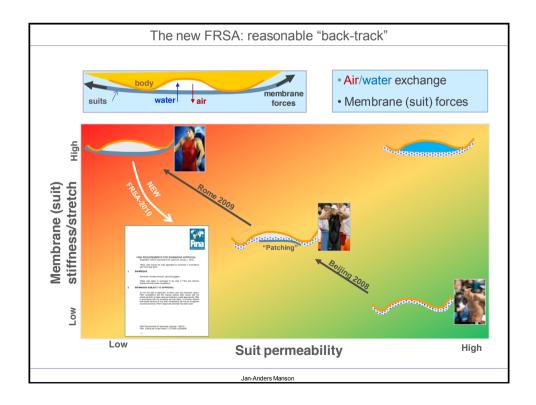




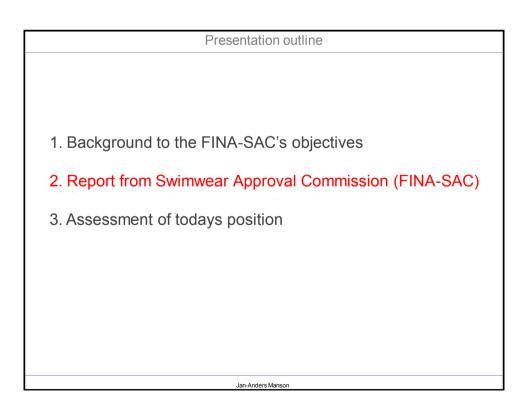


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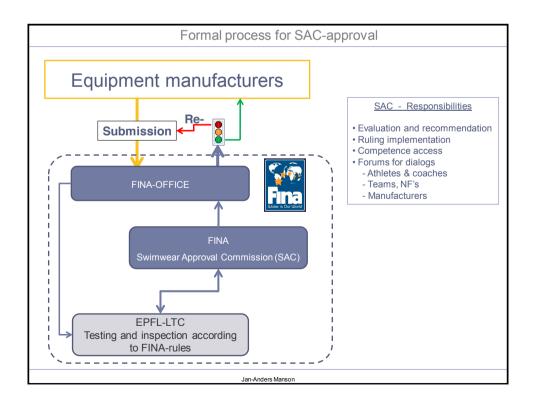


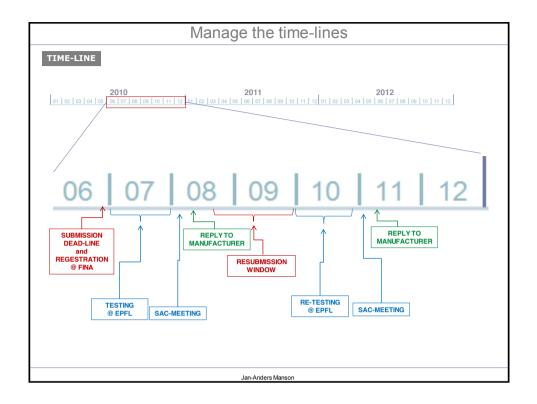


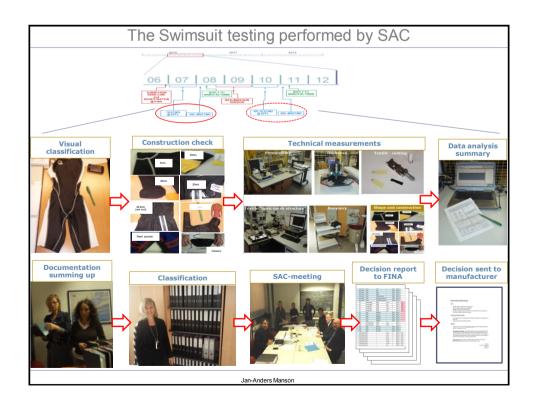
Phenomena	Related parameters	Approach for inspection	Tests	Rules for Rome	Rules for 2010
Buoyancy	Weight / density	Weight in water	Buoyancy (vacuum)	1 Newton (after vacuum)	0.5 Newton (after vacuum)
	Trapped air pockets	Visual: independent layers	Visual	Tight fit to body contours	Permeable textile
	Superficial coatings/impregnation	Wetting	Buoyancy (wetting)	Visual	No surface treatment
		Porosity	Permeability		> 80 l/m2/s (*
Hydrodynamic resistance	Overall resistance	Dynamic resistance	Towing-channel		Less coverage
- Swimming motion	Propulsion support	Video	Underwater video		
- Suit configuration	Garments material	Optical	Visual		Textile fabric
	Thickness	Thickness measurement	ISO 5084	1 mm	0.8 mm
	Body/suit cross section	Visual / scanner	Visual / scanner	Tight fit to body contours	- Less coverage - Textile
	Local compression	Scanner / optical	Body-scan		- ** -
- Surface, form and wave drag	Body coverage	Dimension / Body coverage	Visual / measurements	Visual / measurements	Less coverage
	Surface roughness	Suit texture	Rugosimeter / visual		Textile
	Patch distribution	Dimension / Body coverage	Visual / measurements		Textile
	Interfacial surface bubbles	Wetting	Buoyancy (wetting)		- Textile - Less coverage
	Local grip to water	Roughness	Rugosimeter / visual	Visual	Visual
Physiology	Body compression	Body/suit scan difference	Deformation work		No zipper

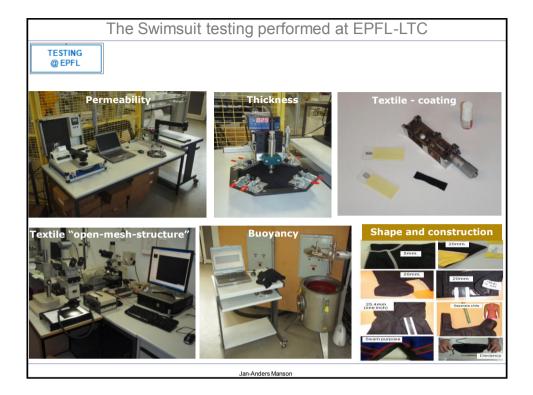












Statistics of submission, resubmission and contacts						
Submission Dead-line	Number of suits Submission	Resubmission Dead-line	Number of suits Re-submission	Number of tests		
July 2010	Suits 338 Textiles 135	Sept 2010	Suits 240 Textile 114	Suits approx. 600 Textiles approx. 1000		
Open Water	Suits 35 Textiles 36			Suits approx. 50 Textiles approx. 70		
OTHER INTERACTIONS						
Full SAC Commission meetings	2-3/year					
FINA office meetings	On weekly basis					
Support testing for manufacturer	Approx. 100					
Company visits	Approx. 20					
Seminars/workshops	Manufacturer, Coaches, Media					
Equipment development	Test equipment manufacturer: TEXTEST AG					
Jan-Anders Manson						

