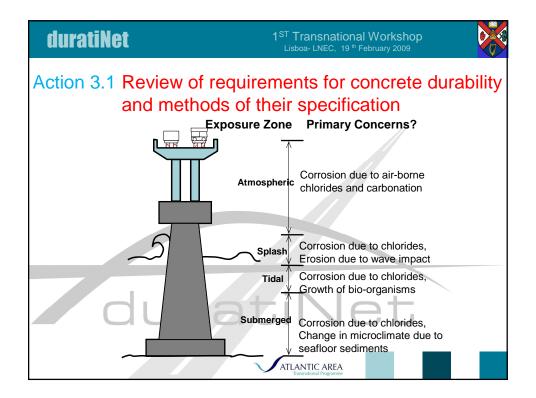
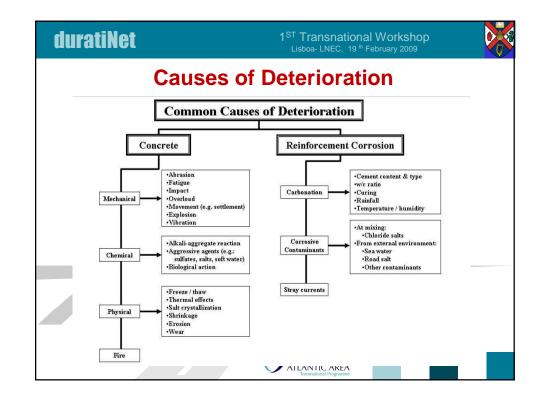
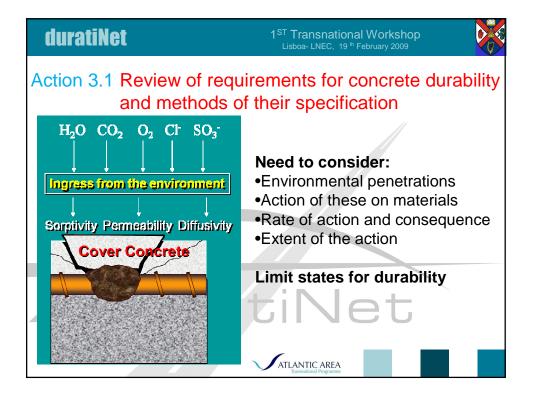


duratiNet	1 ST Transnational Workshop Lisboa- LNEC, 19 th February 2009	
	Action Plan	
>Action 3.1	Review of requirement of durability of structures (QUB)	
>Action 3.2	Mechanisms of damage (U. Rochelle)	
>Action 3.3	Assessment of structural condition (U. Bordeaux)	
>Action 3.4	Available repair techniques (LNEC)	
>Expected outc	omes	
dui	Guidelines book and short version for web	
	ATLANTIC AREA Transmitted Programme	

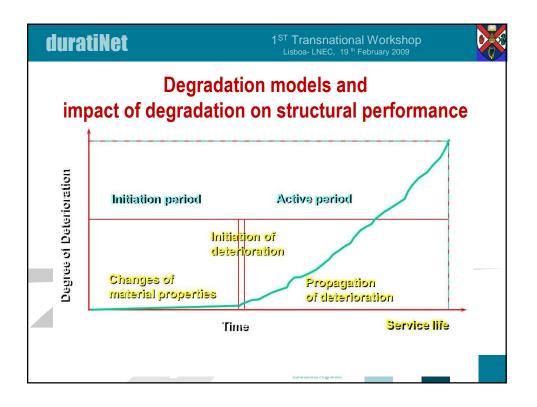


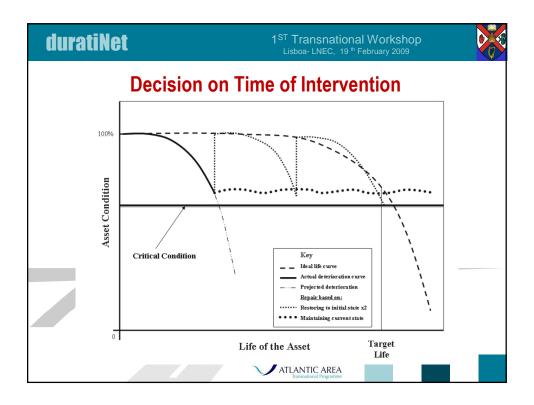


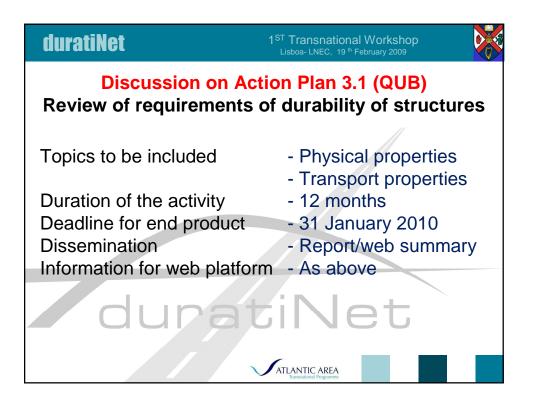


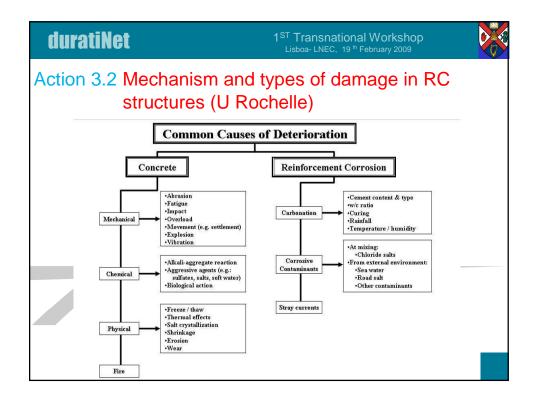
d	uratiNet		1 ST Transnationa Lisboa- LNEC, 19 th	
	Current	practice of s	specifying the Practice	e durability Control
	Cover Thickness	Specify Minimum Cover	Careful placement and fixing	Covermeter 💽
	Quality of Cover (= Transport Properties)	f'c Min. CC Max. w/c	Concrete production	Tests on standard cubes/ cylinders
			Execution • Placement • Compaction • Finishing • Formwork removal • Curing • Surface treatments	Core tests

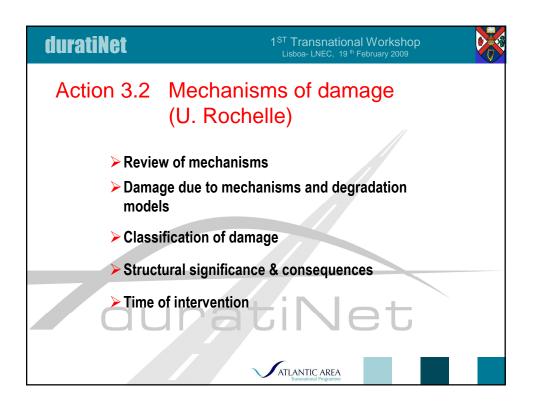
du	ratiNet		1 ST Transnationa Lisboa- LNEC, 19 th I	
	Change of	practice in s	specifying th	e durability?
		Design	Practice	Control
	Cover Thickness	Specify Minimum Cover	Careful placement and fixing	Covermeter 💽
	Quality of Cover (= Transport Properties)	Specify Concrete Class and k _{max}	Concrete production	Tests on standard cubes/ cylinders
			Execution • Placement • Compaction • Finishing • Formwork removal • Curing • Surface treatments	Core tests (Optional) Site Tests: permeability, sorptivity & ion migration

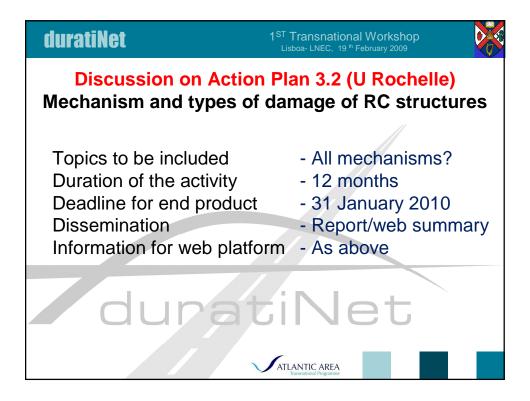


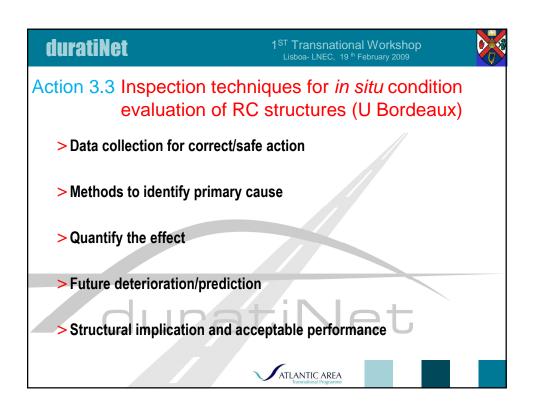


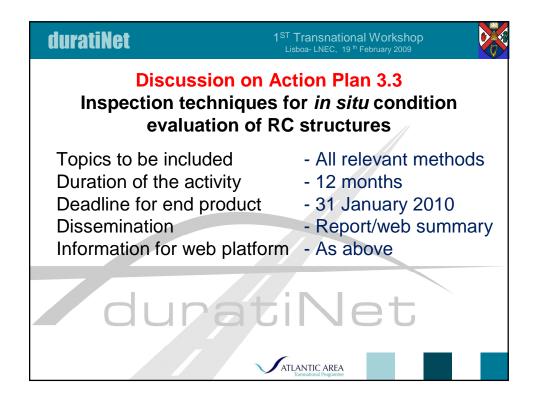


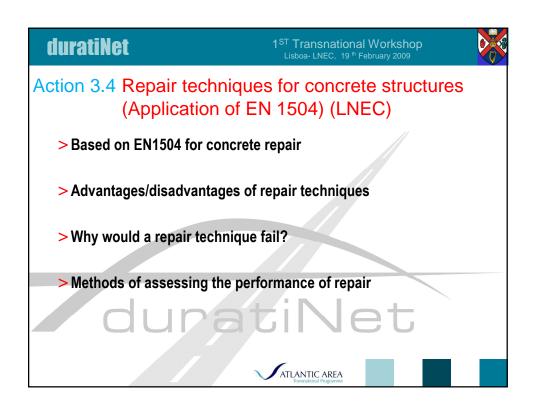




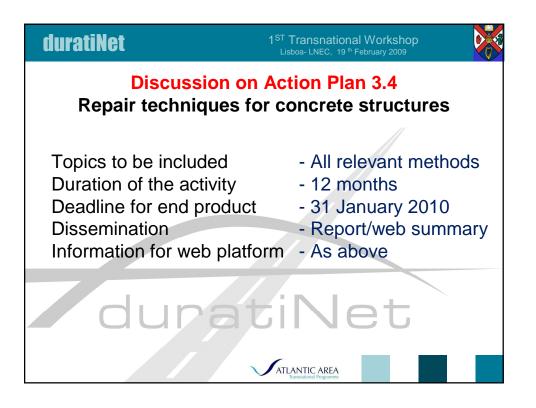








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Repair	Strategies
 Defects in Concrete 1. Protection against ingress 2. Moisture control 3. Concrete restoration 4. Structural strengthening 5. Physical resistance 	Reinforcement corrosion7. Preserving or restoring passivity8. Increasing resistivity9. Cathodic control10. Cathodic protection11. Control of anodic areas
6. Resistance to chemicals	TIANTICAREA



d	urati	Net 1 ^s	^T Transnational Work Lisboa- LNEC, 19 th February 2	
	Plan	of action		
	Publi	cation Activity	Initial consultation	Completion of Review
	3.1	Requirement of durability	Feb 2009	31 Jan 2010
	3.2	Mechanisms of damage	Feb 2009	31 Jan 2010
	3.3	Assessment of condition	Feb 2009	31 Jan 2010
	3.4	Inspection techniques; equipments; understanding results; interpretation of data	Feb 2009	31 Jan 2010
		durat	iNet	
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d	urati	Net 1 ^{st -}	「ransnational Work boa- LNEC,19 th February 2	
	Time	e plan for deliverables	5	
	Public	cation Activity	Case study	Final Report
	3.1	Requirement of durability	1 Feb 2010	31 Dec 2010
	3.2	Mechanisms of damage	1 Feb 2010	31 July 2010
	3.3	Assessment of condition	1 Feb 2010	31 Jan 2011
	3.4	Inspection techniques; equipments; understanding results; interpretation of data	1 Feb 2010	31 Dec 2011
		durati	Net	t
		ATL	ANTIC AREA ansnational Programme	

dura		1 ST Transnational Workshop Lisboa- LNEC, 19 th February 2009			
Sh	Short term plan for deliverables				
	action	Deadline			
	Table of content from lead partr other partners	ner to End of 1st month			
	Comments/contribution by partn lead partner	ers to Middle of 2nd month			
	Agreement on division of contrib	oution End of 2nd month			
	First draft	End of 6th month			
	Distribution & Comments/Amendments	End of 7th month			
	Final draft	End of 12th month			
		TLANTIC AREA Transrational Programme			

