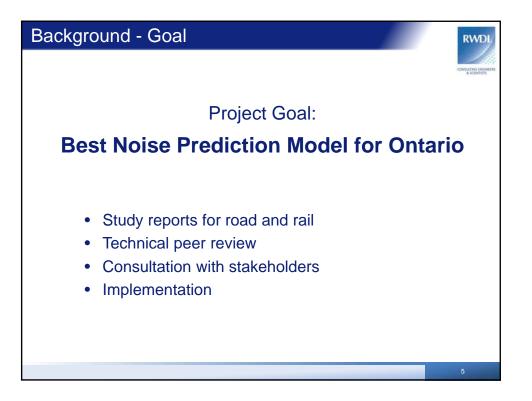




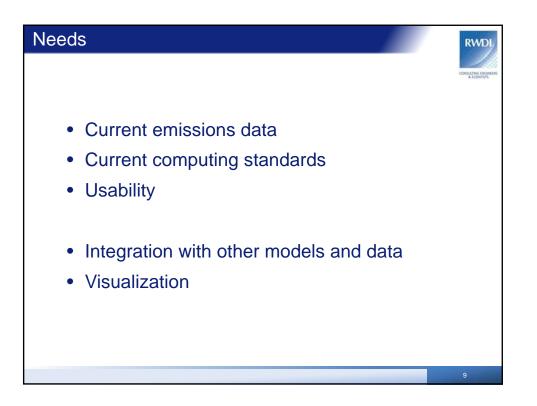
Backg	round				
 Initiated by MTO, MOE, Metrolinx Joint Steering Committee Both road and rail noise models 					
	Road	Rail			
	Highway	Heavy Rail			
	Arterial Road	Light Rail Transit			
	Bus Transit	Subway			
			1		

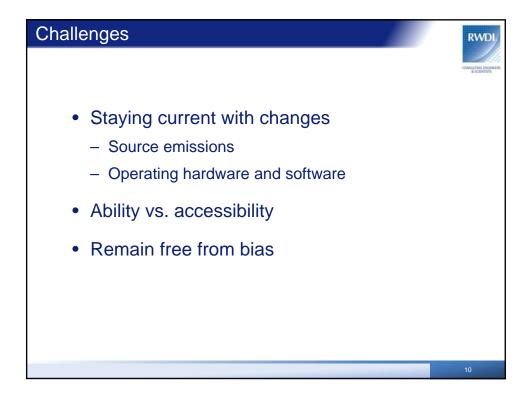


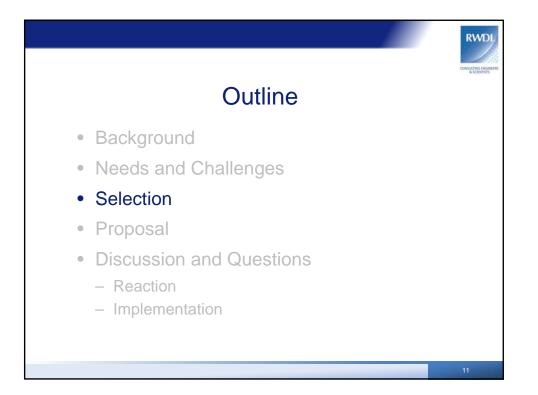
Background - [Definitions	RWDI
		CONSULTING INCOMERS
algorithm	One or more calculation de (e.g. equations) that define is obtained	
emission algorithm	Source calculation: type, quantity, speed, method of operation	
propagation algorithm	Surroundings calculation: distance, topography, obstacles,	
		6

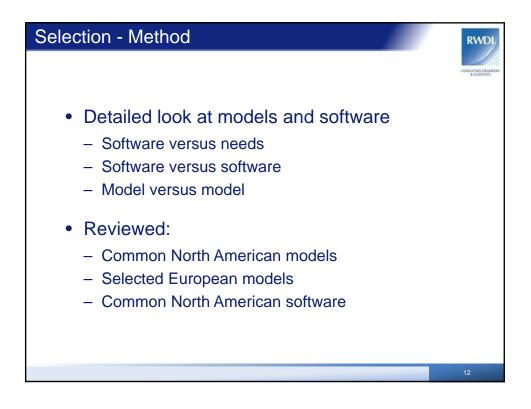
Background	- Definitions
	CONCLUENC INVOLUTION
model	The package of algorithms that are used to produce results
	Includes source algorithms and propagation algorithms
software	A computerized interface that interprets the model
	7

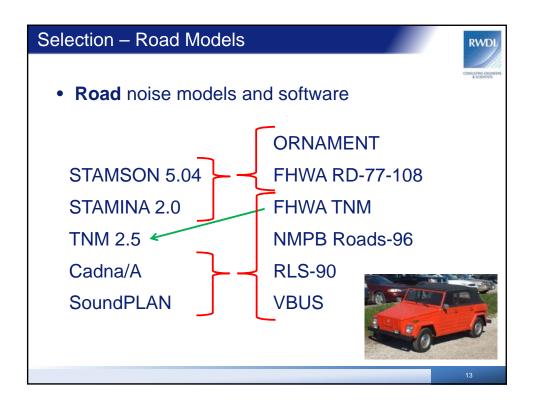


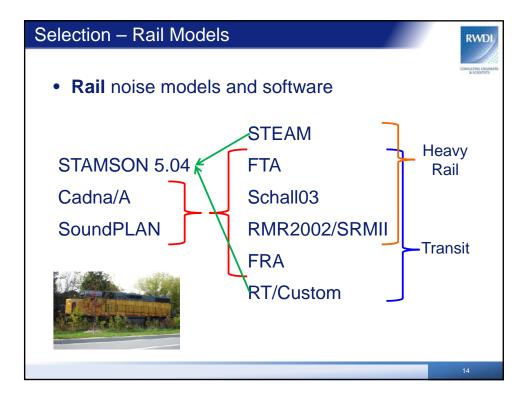


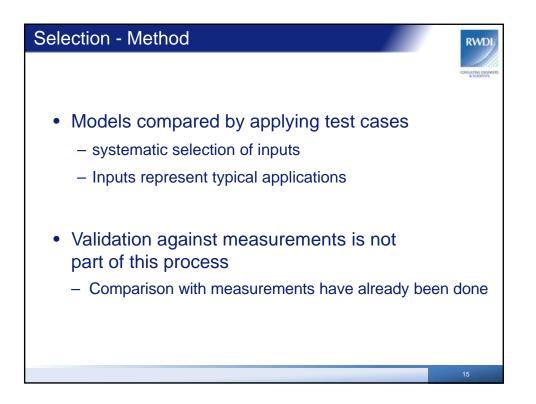


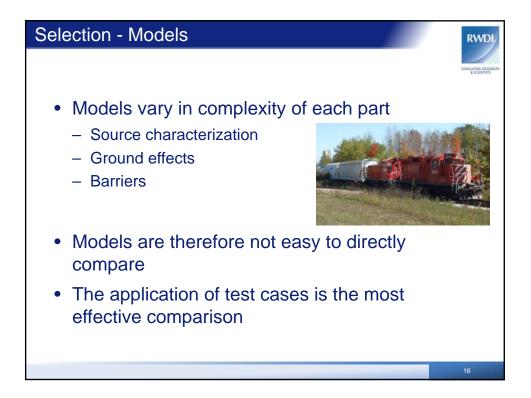


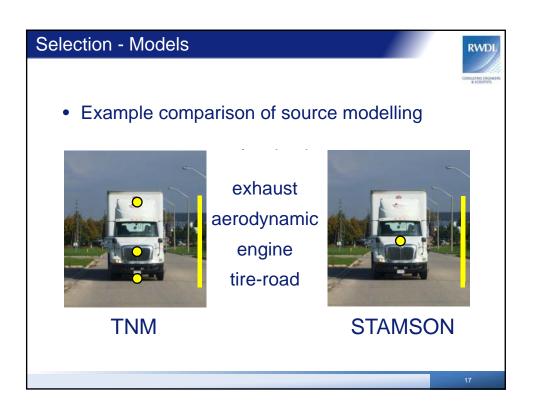


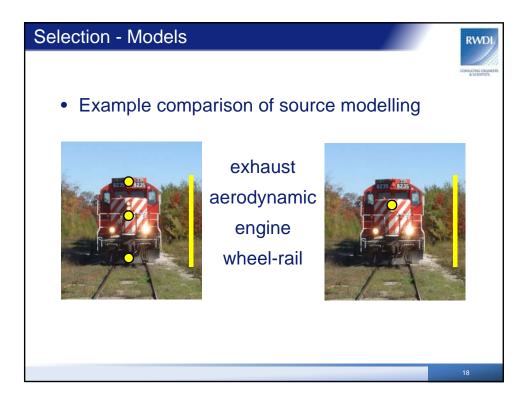


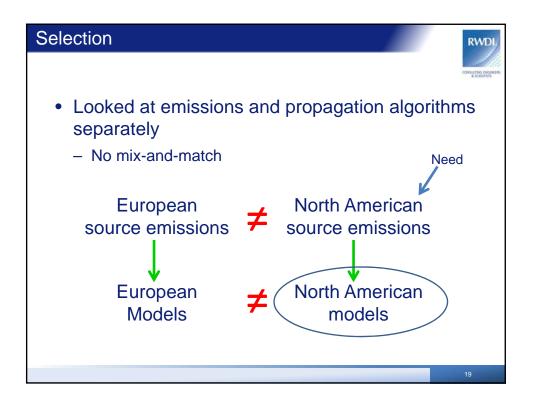


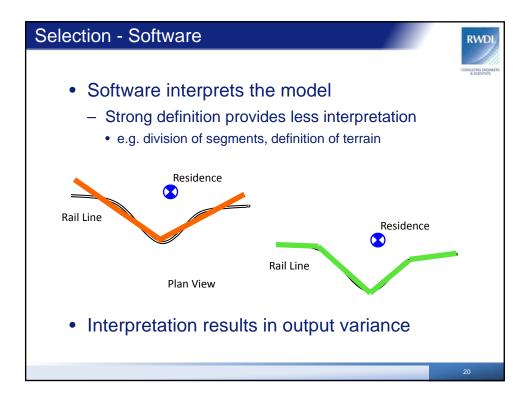




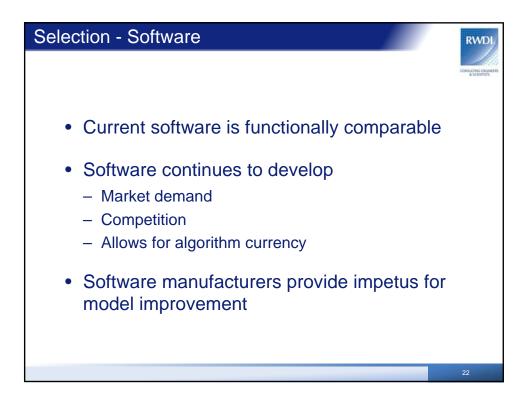


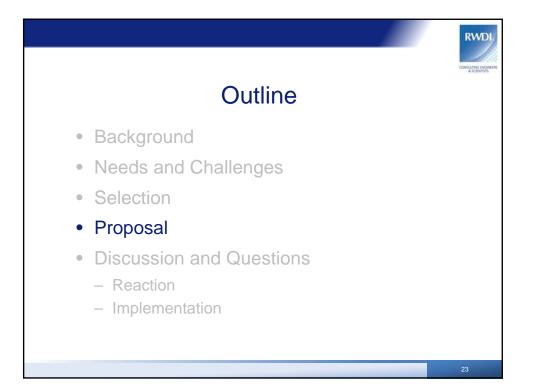






Selection - Software	CONSTRUCTION					
 Software ability is limited by processing power Faster computation Graphical presentation 						
STAMSON	Cadna/A & SoundPLAN					
point-to-point only	grid calculations					
no visualization	3-D representations					
	21					





Prop	osal - Algorithms		RWD CONNELTING I WEAR
	Source	Model	
	Road	TNM	
	Heavy Rail	FRA	
	Rail Transit	FTA	
	TNM starting with verFTA whistle for Rail T		
	 FRA whistle software 	for Heavy Rail	
			24

