







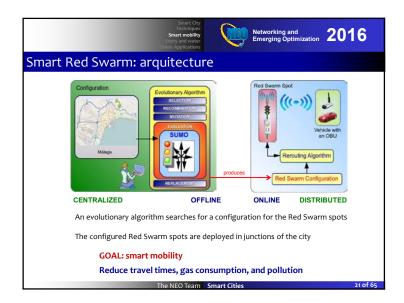




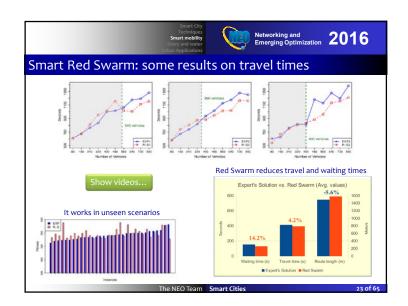
Networking and Emerging Optimization 2016 Smart semaphore control: results • Optimized semaphore schedules have benefits in terms of: Traffic congestion control Prevention of severe traffic jams Reduction of CO, emissions and fuel consumption Driver/pedestrian safety A tech/tech combination Successful scientific results Málaga 600 250 500 500 400 Fuel NOx 300 20

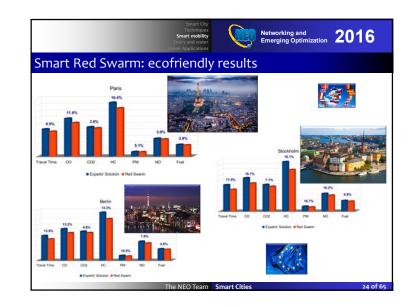






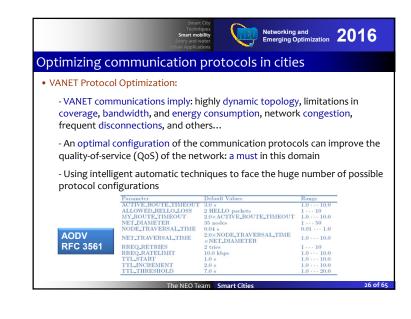


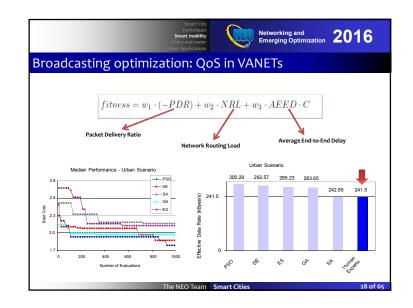


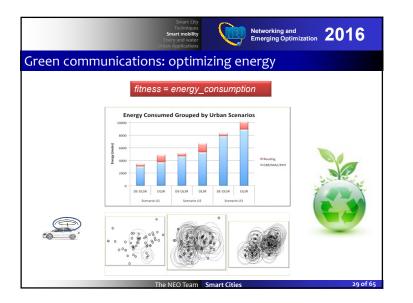




	Techniques Smart mobility Energy and water Urban Applications	6
ptimization	by using simulators fed with real data	
ptimization Algorith	ms Solution Evaluation	
Natural Advanced Solutions	Protocol configuration	
Ant Colony Optimization	New solution/configuration X ₀ X ₁ X ₂ X ₃ X ₄ Real w	
Particle Swarm Optimization	NS-2 VANET simulation protocols)
• Genetic Algorithms	Ns-2 trace analysis Fitness evaluation	
Others	Fitness value f_0 f_1 f_2 f_3	
Optima	protocol configuration	
	Optimize and then deploy (iterated)	



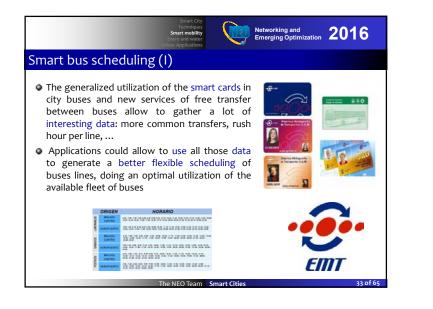














Smart bus scheduling (II)

- The scheduling generated by the proposed application is flexible and it also allows to small changes (few minutes) in the departures of the buses to adjust their scheduling to the current situation. For example:
 - Quite a number of passengers (mainly students) of lines 20 and 22 do a transfer to line 5. The scheduling of line 5 can be online tuned (only a few minutes) if a delay is detected in lines 20 or 22







Networking and

Emerging Optimization

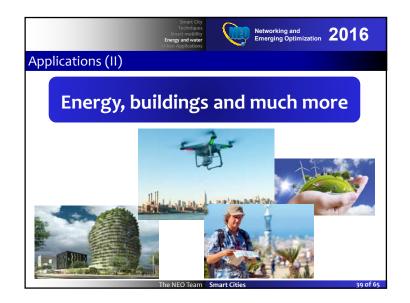
2016

 Customized new services for sharing vehicles or for getting on the fly demands for home pick up and delivery

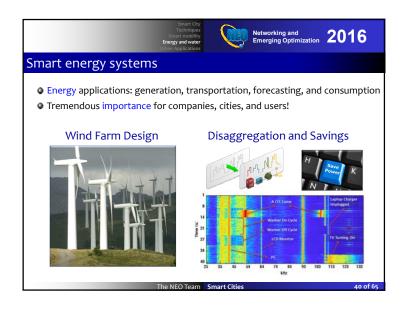
The NEO Team Smart Citie

<page-header><page-header><page-header><page-header><section-header><list-item><list-item><list-item>



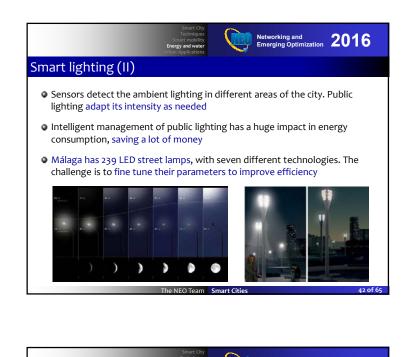


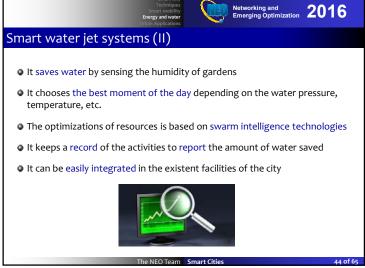






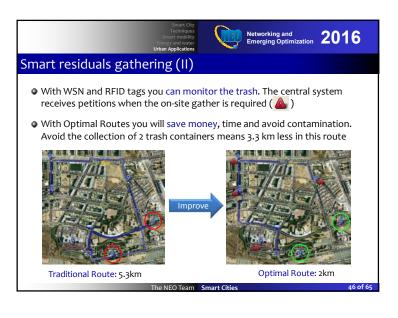
<page-header><page-header><section-header><section-header><section-header><complex-block>







Smart City Stratt-Relinques Stratt-Relinques Stratt-Relinques Description Professionality Chan Applications	orking and ging Optimizatio	2016
Smart building construction: the approac	h	
		8 8 8 8 8 8 8 8 8 8 8 8 8
 Safer, sustainable, modern design principles Complex simulations needed Optimization and machine learning needed 		
The NEO Team Smart Cities		47 of 65



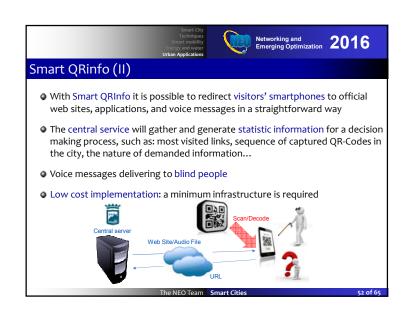




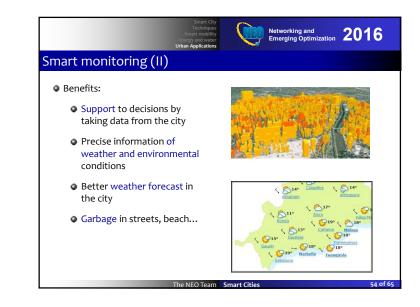
The NEO Team Smart Cities

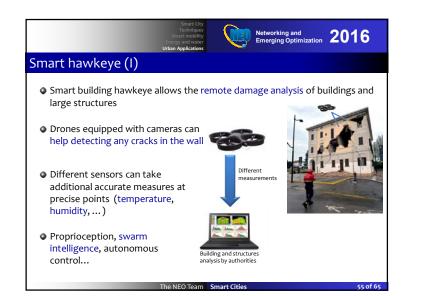
















		Networking an Emerging Opti	imization 2016
ome proje	cts: holistic	Intelligence	
		http://eip.lcc.uma.es	
	EIP - HOLISTIC INTELLIGEN	ICE HOME CONTACT MEMBERS LINKS FUTURE POTENTIAL ACT	ions Q
European nnovation			Start
Partnership		The second second	State of the second
.014-2016			San
2010	Hard States and States	the second se	
	A DESIGNATION OF THE OWNER	THE PARTY AND AND AND ADDRESS OF A DECK	CONTRACTOR OF STREET, ST
	States		
	Malaga		
	Malaga	Carlo Andre	
	Malaga Visitors online	Home	Login Form
	Visitors online We have one guest and no members	Home	Login Form
	Visitors online		Usemanse
	Visitors online We have one guest and no members	Home Presentation	
	Visitors online We have one guest and no members online Active Action Clusters	Presentation	Usemanse
	Visitors online We have one guest and no members online	Presentation Presentation Press * ***********************************	Usemane Password
	Visitors online Visitors online Visitave one guest and no membes online Active Action Clusters Example Model, Figure and	Presentation	Usemane Password Remember Me
	Visitors online We have use goed and remembers online Active Action Clusters Method Action Prance and Proceeding Clicer Food Interface Action Clusters	Presentation with the set of the	Usename Pasmood Remember Ne Log n
	Visitors online We have one guest and no members online Active Action Clusters Active Action Clusters December Processor Class funct	Presentation Final Provide State St	Usenane Passod Renerber Me Uga . Graft as account . Fogot you usename?







