



Technological and Operational Support for Car sharing

Deliverable 6.1 – TOSCA web site

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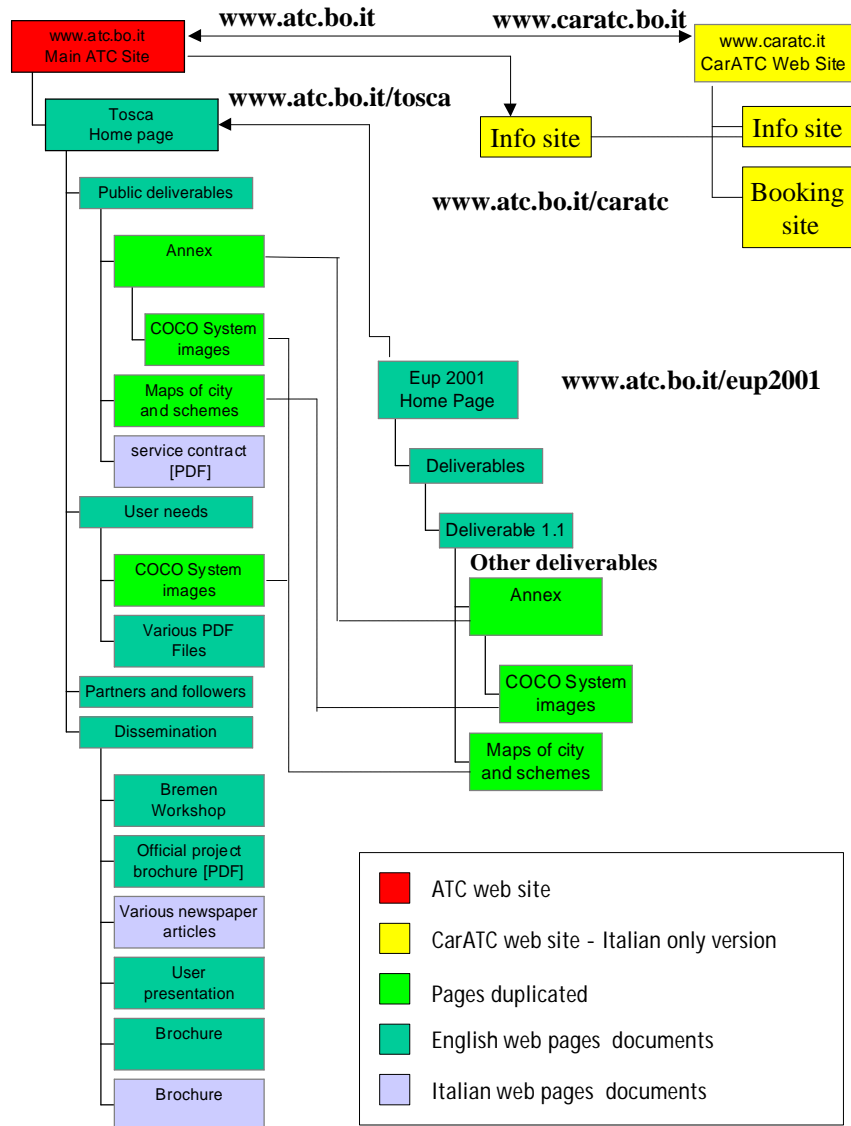
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BRIEF SUMMARY

Within the TOSCA European Project, on the basis of the identified project objectives and in accordance with the tasks defined in WP6 "Dissemination of Best Practice", the Consortium members are in charge of the project web site establishment and maintenance. The web site, which develops into two main branches, respectively addressed to car sharing operators and users, aims at disseminating project results and achievements.

Following this brief summary see a schematic representation of mentioned project web sites and relevant links plus detailed description of their contents.



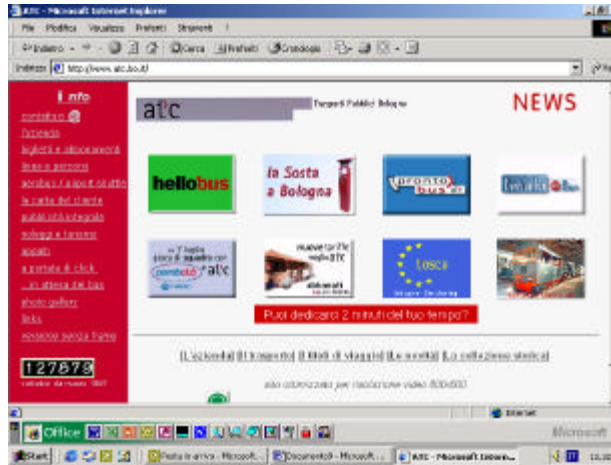
ATC HOME PAGE

The information concerning the TOSCA project and the car sharing service for Bologna are accessible from the main ATC web site: (www.atc.bo.it)

The site provides general information about ATC and about the services offered:

-Public Transport services (Timetables, fares, route plans)

-Parking regularisation.



The mentioned site, mostly in Italian language, is managed by ATC s.p.a.-Bologna and is presently hosted at a local provider.

From the main ATC web site it is possible to access to the TOSCA public web site (www.atc.bo.it/tosca) and to the information of Bologna car sharing service (www.atc.co.it/caratc) called CARATC.

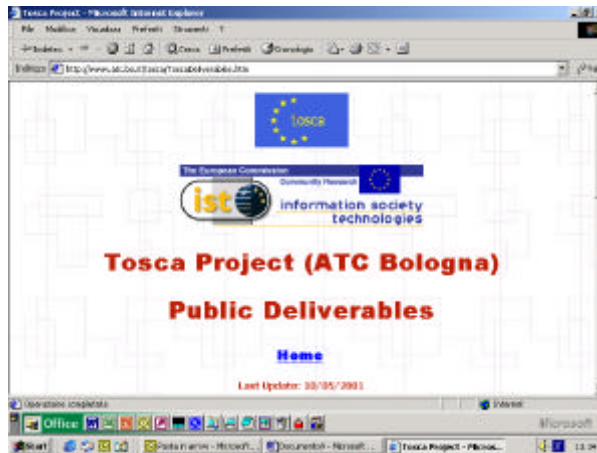
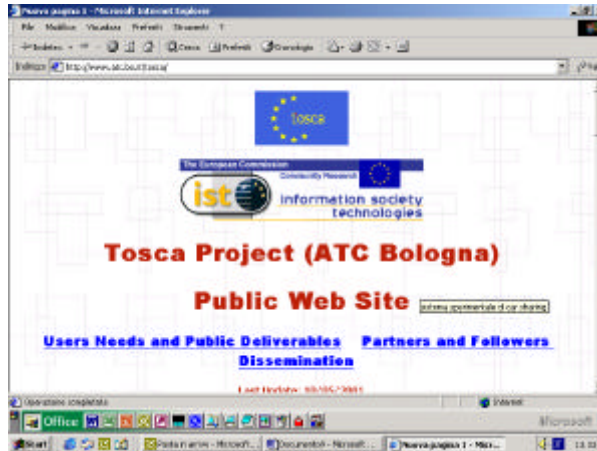
The main ATC web site only replicates the informative pages of the future "CARATC" web site that will be accessible within few days for managing car sharing service reservations.

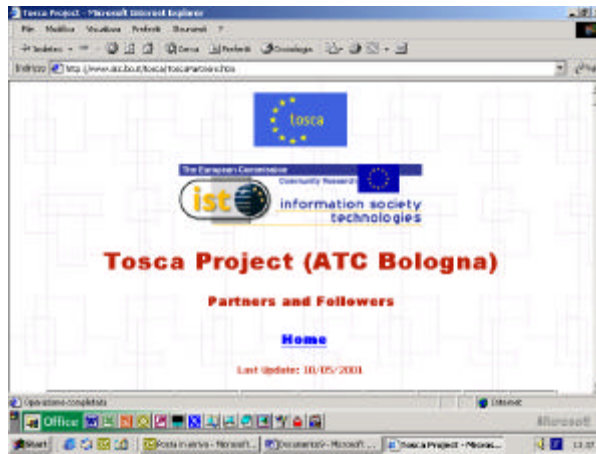
It is possible to access to the bespoke site from the following address (www.atc.bo.it/caratc), directly from the press button, or from the link "Caratc" on the web site home page.

TOSCA PROJECT WEB SITES

The main project web site developed for public usage is for the majority offered in English language and is accessible from the following address: (www.atc.bo.it/tosca) or directly by clicking the link "Tosca" on the web site home page.

The site develops into different pages that give an overall view of the project. It contains all non-restricted documents, information about partners and followers involved in the project such as companies profile and key persons CVs. The web site updating and papers publishing will be parallel with submission of project deliverables to the European Commission.

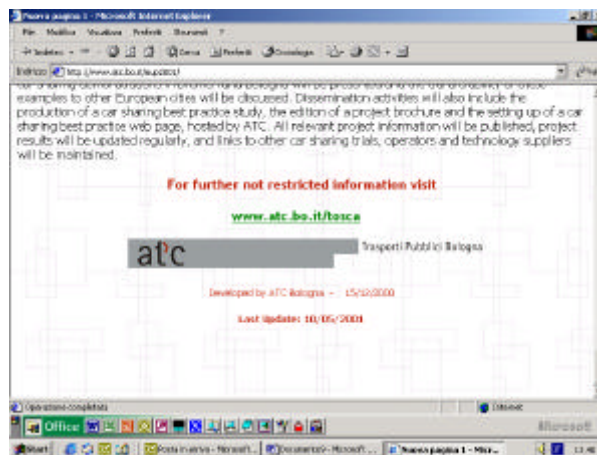
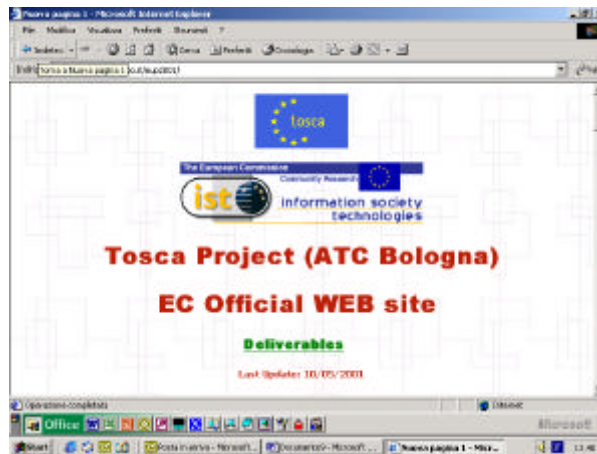




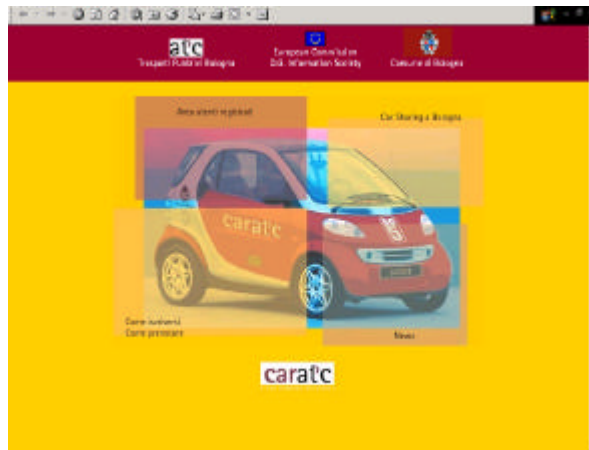
The screenshot shows a table of participants in the Tosca Project. The table has the following columns: Participant name, Participant number, Participant name (repeated), Participant logo, Participant acronym, Country, Sector, Main area project, and Sub area project. The data is as follows:

Participant name	Participant number	Participant name	Participant logo	Participant acronym	Country	Sector	Main area project	Sub area project
ATC Bologna	1	ATC Bologna		ATC	Italy	IT	IT	IT
European Central Bank	2	European Central Bank		ECB	Germany	Banking	IT	IT
IBM	3	IBM		IBM	Germany	Banking	IT	IT
IBM	4	IBM		IBM	Germany	Banking	IT	IT
IBM	5	IBM		IBM	Germany	Banking	IT	IT
IBM	6	IBM		IBM	Germany	Banking	IT	IT

Furthermore a specific project web site restricted to the European Commission and to the Consortium members has been expressly developed. The site totally in English language can be visited from the address (www.atc.bo.it/eup2001). It groups all working papers, confidential information and project deliverables. From this site home page there is a direct link to the public web site.



CARATC WEB SITE



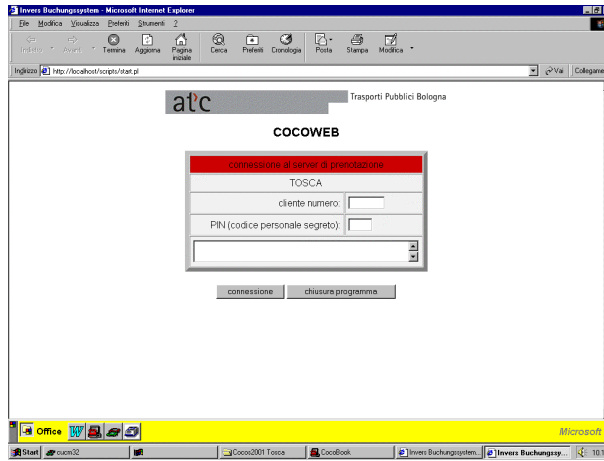
This site (www.caratc.bo.it), still under construction, will give complete and detailed car sharing information and will enable all customers enrolled to the car sharing club to make their own reservations directly from the Internet. Bookings are already possible via Call centre.

The main ATC carsharing web site named CARATC (www.caratc.bo.it) has been entirely realised in Italian language and is basically addressed to car sharing service users.

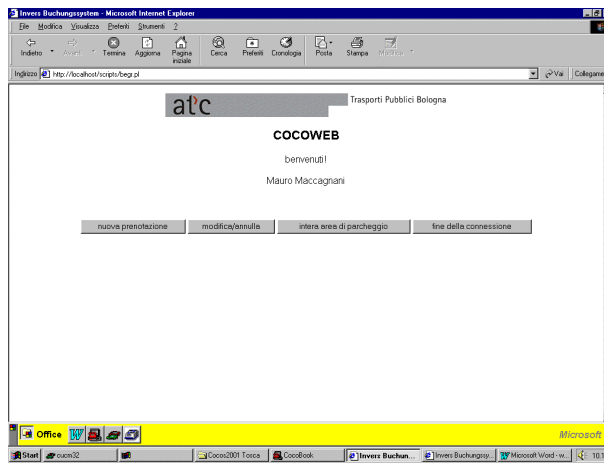
The following screen shots show the graphical interfaces enabling reservations to car sharing service.

The first step to take, after connection, is the customer and personal identity numbers (PIN) insertion for safety reasons.

The following screen shots appear and the fields can be appropriately filled out:



If the connection is successfully achieved, the system acknowledges the user details and the booking can carry on.



As can be seen from the screen shot below, the booking can take place within three different steps:

1. Parking area selection,
2. vehicle selection,
3. Reservation starting and ending time.

Cocoweb
[nuova prenotazione](#) / [modifica/annulla](#) / [interarea di parcheggio](#) / [fine della commissione](#)

selezionare un'area di parcheggio

Bologna =>

Piazza Roosevelt - Questura =>

lato Zecca * Raggiungibile con i bus n. 10,13,14, 19, 20, 25, 30, Aerobus

selezionare un'auto

la vettura è una Smart Diesel Ecologica a 2 posti, a ridotto impatto ambientale e

selezionare inizio e fine della prenotazione

	giorno	me	anno	ora	minuti	
inizio	<input type="button" value="oggi"/> <input type="button" value="domani"/>	<input type="text" value="14"/>	<input type="text" value="06"/>	<input type="text" value="2001"/>	<input type="text" value="10"/>	<input type="text" value="00"/>
fine	<input type="button" value="oggi"/> <input type="button" value="domani"/>	<input type="text" value="14"/>	<input type="text" value="06"/>	<input type="text" value="2001"/>	<input type="text" value="11"/>	<input type="text" value="50"/>

durata

1 Hour 3 Hours
 1.5 Hours 4 Hours
 2 Hours 1 Day

Reservation is then confirmed and concluded.

CAR SHARING BOOKING MODALITIES:

There are two different modalities for booking:

☞☞Via call centre:

?? Cocobook for the system manager with complete check on all data and through graphical interface with mouse

?? Cocolite for operators with only keyboard use only limited to basic booking activities.

☞☞Via internet

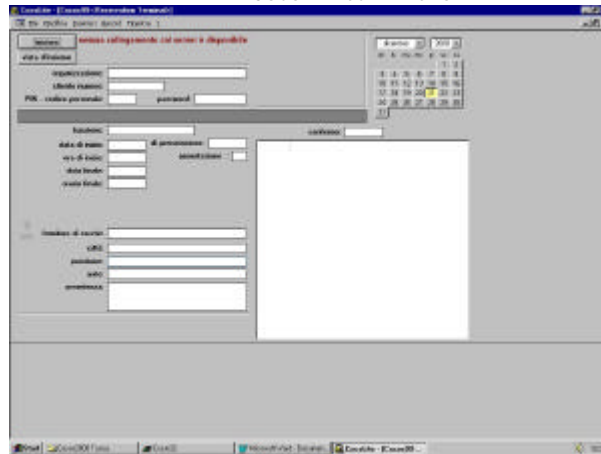
The call centre, either the Cocobook programme or Cocolite's, requires the customer number and if correct records personal details and telephone number.

Afterwards, for the Cocobook programme, a screen shot shows the current parking situation (Vehicles State) and asks to choose a free one just by clicking the mouse.

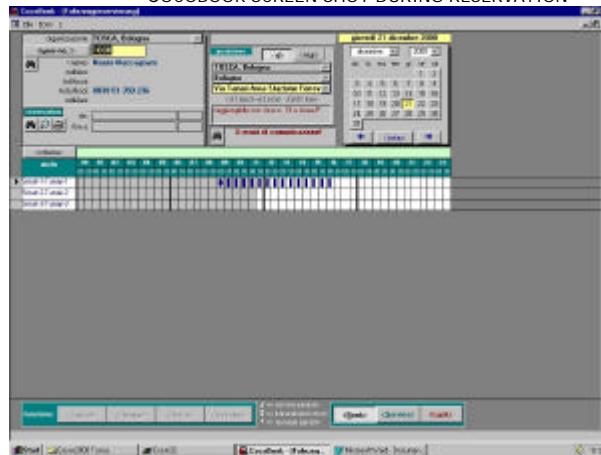
For the cocolite programme it is generally necessary to follow up with the keyboard only (the mouse is however active) and the reservation takes place by means of a simplified option list which allows to use the numbered press button for higher speediness reasons.

The images below represent the graphical interfaces of the booking administrator.

COCOLITE SCREEN SHOT



COCOBOOK SCREEN SHOT DURING RESERVATION



In case of an already booked or still in use vehicle, the system rejects the operation. The operational procedure follows the computer requests by inviting the customer to repeat the reservation before confirming it. The operator holds the line until the gsm modem sends the message. This is shown by the changing shape of the icons in the cocobook graph and in the cocolite text box.

FUTURE DEVELOPMENTS

In the next future, ATC will operate a specific national web site on mobility: www.mobilitymanagement.it, which will be an access point for the public transport companies and users.

The mentioned site will be accessible from other cities willing to join the main mobility actors and create partnerships with them such as:

?? "Clickmobility",

?? "Club Italia",

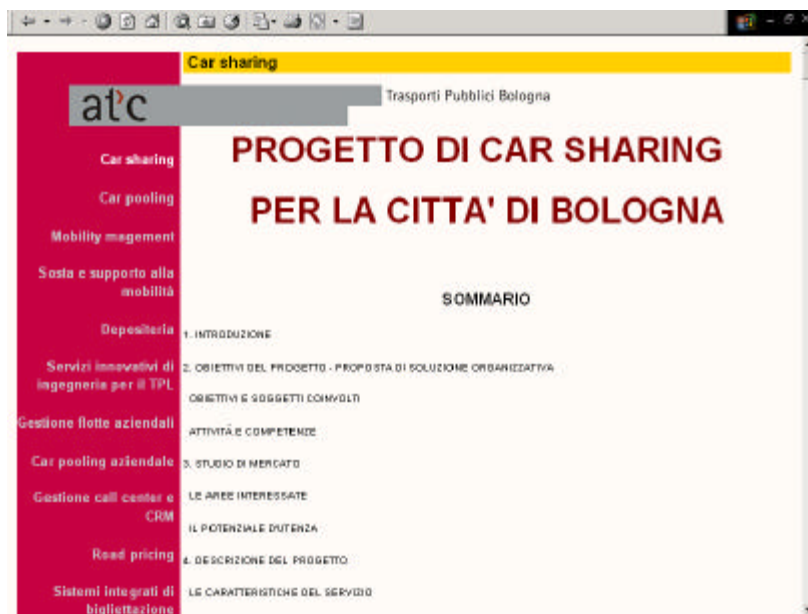
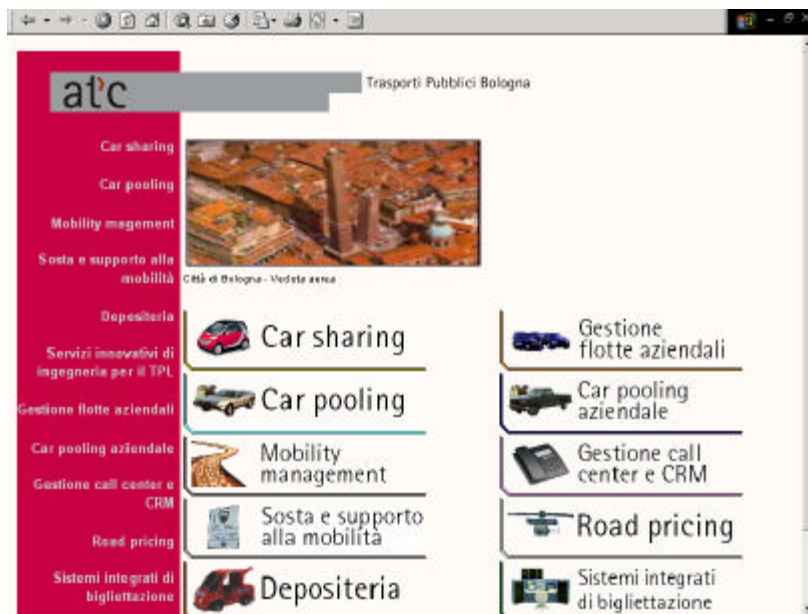
?? UITP,

?? ASSTRA.

The site will have a link addressed to all car-sharing services for private users and companies and other innovative services managed by ATC.

The site will be basically developed in Italian Language.





Further scheduled developments or extensions of the EC official site and public web sites will be timely acknowledged.