



“PUBLIC TRANSPORT STUDY TOUR”

Craiova, 7 – 8 May 2012

Study tour content

Craiova team which is involved in the CIVITAS Plus MODERN project in cooperation with CIVITAS VANGUARD are hosting a study tour of **2 days** on the following topics:

- **Increasing use of energy efficient vehicles, and enhancing their integration into the urban transport system:** Up-grade of trams with energy saving equipment – chopper system - developed as a new technical solution within the MODERN project
- **Stimulation of collective transport, Safe and secure road infrastructure and Innovative telematics:** The integrated e-ticketing system developed within MODERN project includes 3 components - travels based on cards, video surveillance system and public transport management system all having a common brain in a traffic management center for Public Transport Services.

We will be happy to present our results and to exchange opinions and ideas with our guests.



About our city

Craiova, the capital of Oltenia Region, is situated in the south west of Romania and has around 320,000 inhabitants. Craiova is one of the oldest cities of Romania. It was first mentioned in a map of the Roman Empire, dating probably from 225, and requested by the Roman emperor Caracalla.

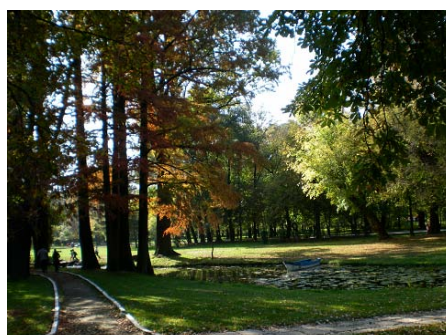
European opening has boosted direct bilateral relations with other cities and paved the way for new collaborations in areas of common interest and has contributed to investments' growth and enhancement of the trade. Craiova has signed twin protocols with 5 cities (Kuopio- Finland, Skopje- Macedonia, Nanterre- France, Vratza- Bulgaria and Shiyen- China) and partnership protocols with other 2 cities (Uppsala- Sweden and Lyon-France) and is opened to new projects of this type.

Craiova is a city of ancient architecture which gives it more personality, is a historic, commercial, cultural and educational centre located about 200 km from Bucharest the Romania's capital.

To find more information about our city, its history, art, culture and parks we recommend you some official links:

<http://memorielocala.aman.ro/files/istoria.html>

<http://www.primariacraiova.ro/pcv/servlet/portal?action=Welcome&lang=en>



About the study tour

The **Public Transport Study Tour** will be a good occasion to know the city, to learn about our experience in the MODERN project and to find out the most important achievements in Craiova due to the CIVITAS Plus interventions.

The Public transport Study tour addresses to the following topics considered the core of MODERN project:

- Energy saving on trams through design, development and installation of chopper systems on 9 trams. Craiova's electric tram system and infrastructure belong to the 1980s. The electric transport fleet is represented by 36 tramways out of which 9 were withdrawn from service due to high energy consumption. These 9 trams were upgraded with electronic driving system – chopper. The new driving system is assisted by an onboard computer and a Windows application, which stores and processes the data from the entire driving system. Additionally it was developed a device based on drivers' cards which keep a clear evidence of the energy consumption by each driver. The power distribution stations for trams will be included this year in an evaluation system of power quality parameters aiming to have a better control of the energy needed for trams.
- Integrated e-ticketing system consisting of three subsystems – e-ticketing, video surveillance and traffic management. The subsystems share a big part of the architecture and have the same “brain”: the traffic management centre that processes the real time information provided by the system. This new system will make the public transport more reliable, devoted to travellers' needs and able to provide enhanced services to them. This system cover 3 measures that were treated in the project as a bundle measures

Beside these main aspects we will be happy to take a tour in the downtown of the city where other two measures were implemented during the MODERN project implementation.

CIVITAS VANGUARD is co-organising this study tour to facilitate on-site knowledge transfer between CIVITAS Plus cities. Study tours are successful knowledge transfer schemes which offer the possibility to site visitors to interact with key local stakeholders and see how projects are implemented in reality.

Visiting ongoing projects and seeing how they operate in reality is an integral part of learning from each other within the CIVITAS Community.

Agenda

Host city:	Craiova
Host department	IPA Subsidiary, Craiova, Stefan cel Mare street, no. 12
City officer responsible	Virginia Matei (LDM); Dorel Popa (SC)
Number of days	2
Period in which the visit can be held	07 –08 May 2012

7th May - Venue: Craiova, IPA headquarter, Stefan cel Mare street, No. 12

10:00 – 10:15	Welcome at the IPA headquarter
10:15 – 10:30	Introduction in the CIVITAS initiatives in Craiova
10:30 – 10:45	MODERN project in Craiova – video presentation
10:30 – 11:00	Public transport and mobility issues in Craiova, MODERN project results, additional initiatives of the Municipality to support a sustainable transport system in our city
11:00 – 11:30	Coffee break
11:30	Transfer by bus to the Public Transport Company headquarter
12:00 – 13:00	Technical visit (by bus) - part 1 <ul style="list-style-type: none"> ▪ Short presentation of the Public Transport Company and services provided ▪ Visit to the traffic management centre (dispatch) ▪ Technical tour to the trams' depot: presentation of the innovative solution for energy saving on old trams (equipment developed within MODERN project, based on our own technical solution)
13:00 – 15:00	Lunch
15:00 – 18:00	City tour
20:00	Dinner

8th May - Venue: Craiova, IPA headquarter, Stefan cel Mare street, No. 12

10:00 – 10:30	Coffee, Networking, Open discussions
10:30 – 12:30	Technical tour (by bus) – part 2 <ul style="list-style-type: none"> ▪ E-ticketing system ▪ Video surveillance ▪ Access restriction area
12:30 – 13:00	Back to the IPA headquarter for opinions, remarks, conclusions
13:00	Lunch

Note:
Mass-media representatives will be invited to attend the study tour

Interest for guests

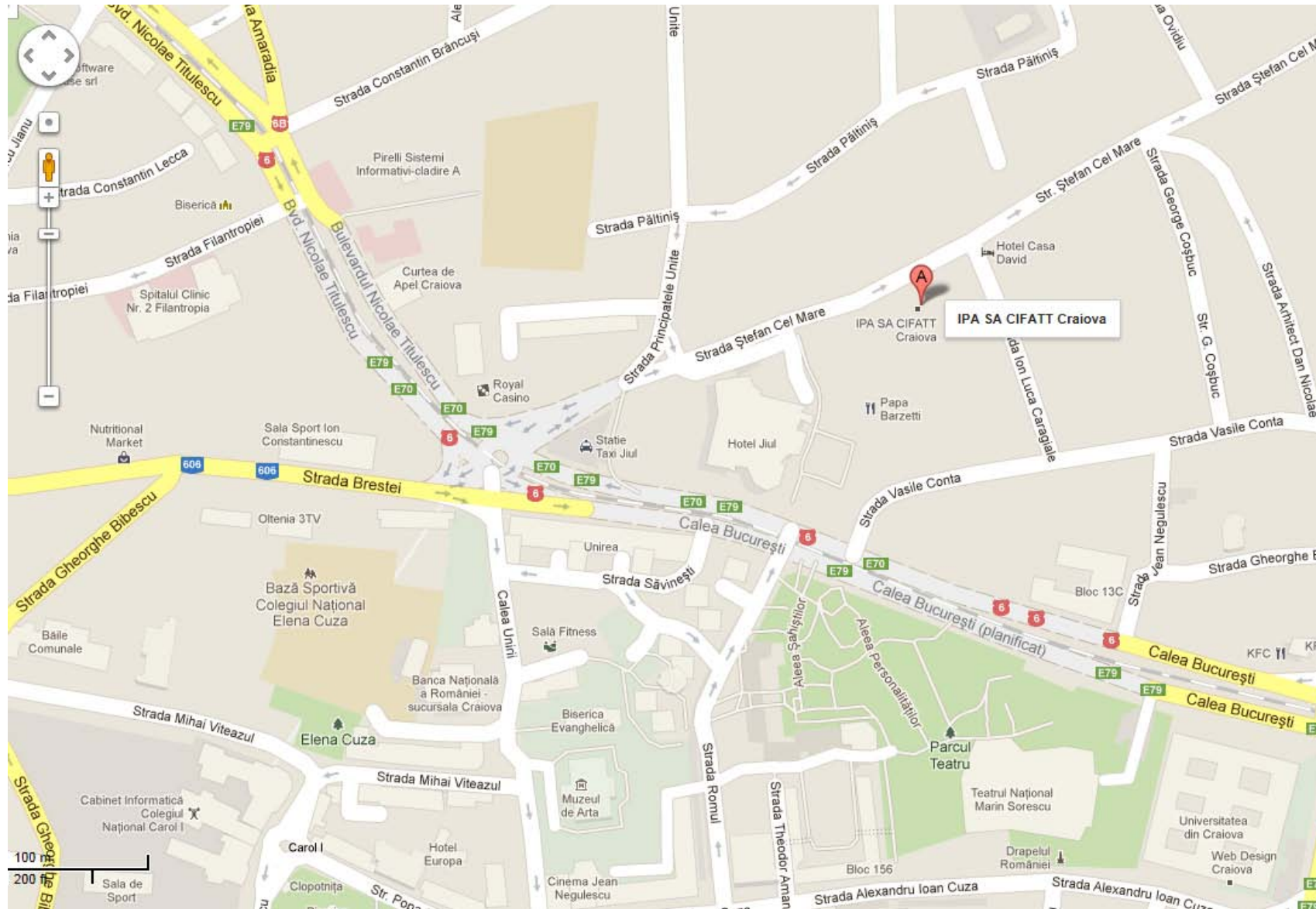
- To find out information about Craiova city
- To be close of the local partners and their activity
- To know a new lifestyle and culture
- To share experiences, to compare, and to find out different approaches to the same issues arisen from the urban mobility and transportation system

Issues to be discussed with participants

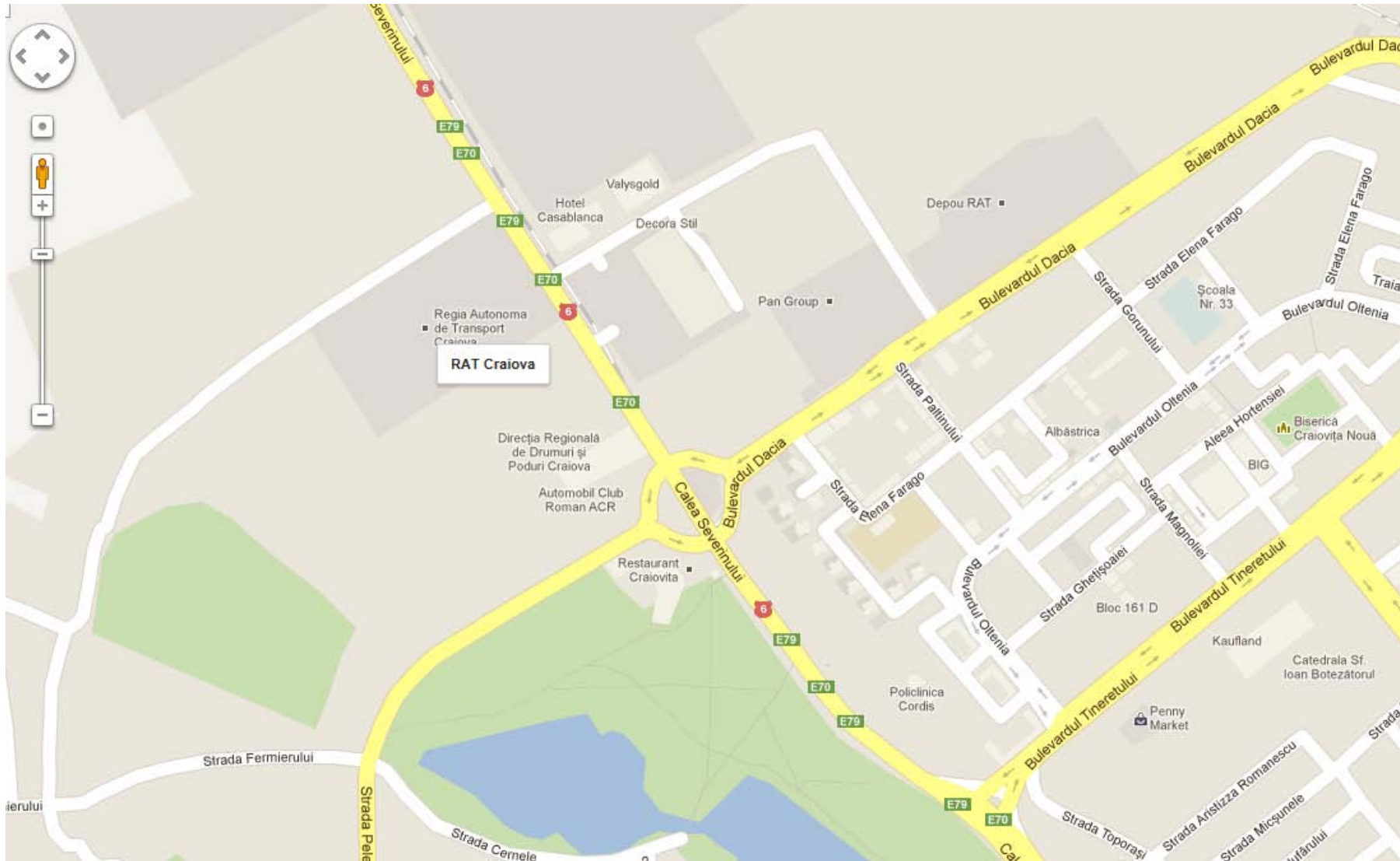
- **how is organised and managed their public transport**
- **how they collect data and information regarding the public transport parameters such as travellers number, buses occupancy, environmental data resulted from transportation system, etc.**
- **which are the usual financing sources for investments in urban mobility and public transport system**
- **other items of interest for both parties guests and hosts**

Practical information

Location: IPA headquarter



Location: RAT – Public Transport Company



How to get from the airport to The North Train Station (Gara de Nord)

When you exit the airport you have 2 possibilities of getting to the North Train Station (Gara de Nord): to take the bus or to take the train.

- By train the travel is a combined one: bus/minibus and train. The bus / minibus provides the transfer from the airport to the **Otopeni Train Station** toward the **North Train Station (Gara de Nord)**. The bus/minibus is being found at the exit of the airport. A ticket for the travel is around 8 lei. The trains' timetable could be found at the following links searching the route between P.O._Aeroport_H and Bucuresti_Nord:
<http://www.mersultrenurilor.ro/Ruta/P.O. Aeroport H/Bucuresti Nord>.
<http://www.infofer.ro/>
- By bus directly to the **North Train Station** you can take the **783 express bus**. One travel is around 10 lei and there are special tickets / cards that are sold for this express travel.

Schedule for 783 Express

Terminal departures:

Monday-Friday

05:30-20:00 (every 15 minutes)

20:30-23:00 (every 30 minutes)

Saturday, Sunday, Legal holiday

05:30-23:00 (every 30 minutes)

Once you get to the **North Train Station** you have a number of trains that can take you to Craiova.

How to get from the North Train Station (Gara de Nord) to Craiova

You can reach Craiova by train.

The trains' timetable could be found at the following link searching the route between Bucuresti_Nord and Craiova:

<http://www.mersultrenurilor.ro/Ruta/Bucuresti Nord/Craiova>

<http://www.infofer.ro/>

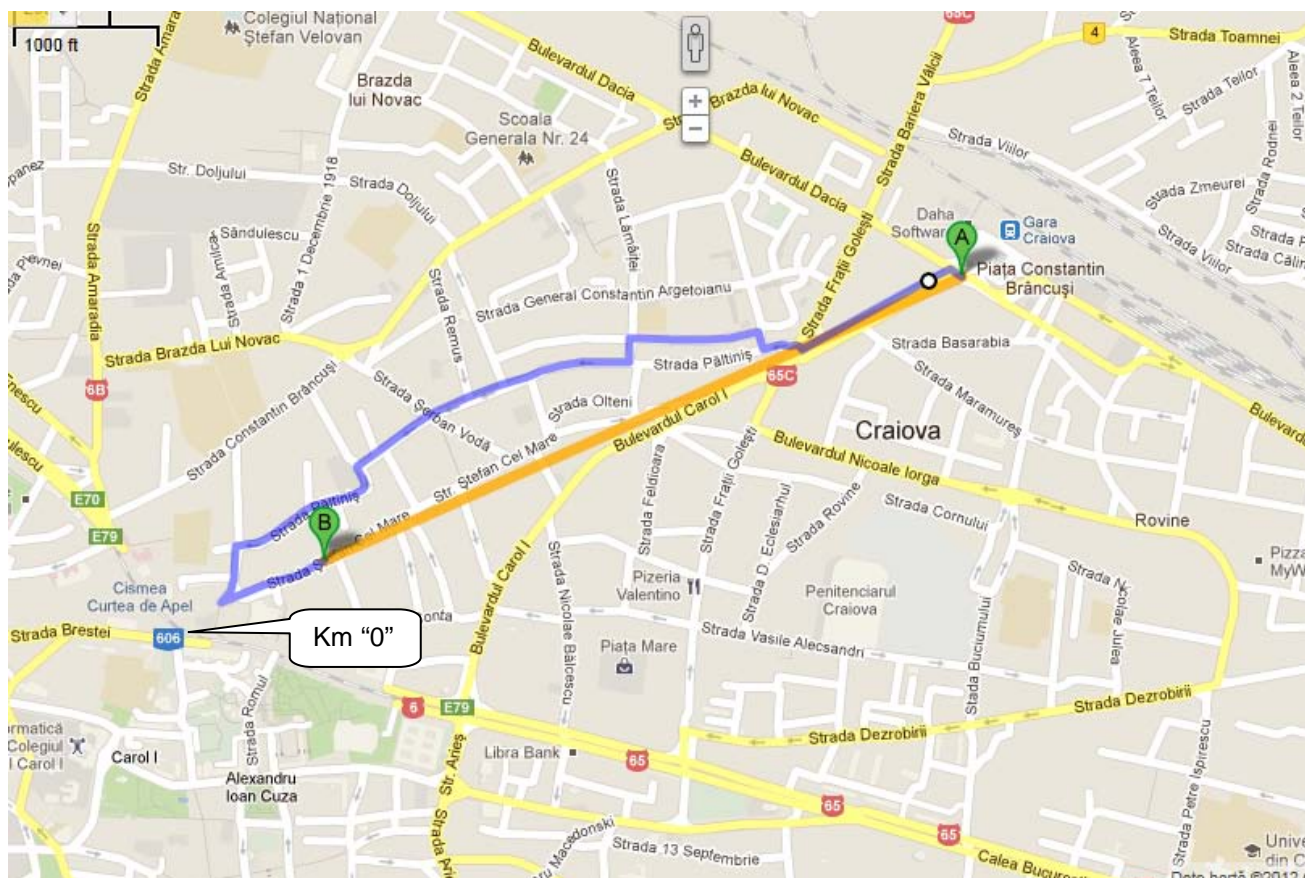
How to get from Craiova Train Station to the city center

Once you get on the train and you arrive in Craiova you could get to IPA CIFATT or city center where there are the most of the recommended hotels by taxi and on foot (around 2 km).

Some **taxi companies** that you can use are found at the following link:

<http://www.taximetre.ro/taxi/craiova/> . We recommend you taxi **ROMNICON, PMI**

If you want to come on foot, you have follow the following map:



Orange line: walk (1,8 – 2 km)
Blue line: by car (taxi)

Hotels

Participants are responsible for booking their own hotels.
Some of the hotels close to the IPA headquarter and downtown area are presented below:

[Hotel Europeca](#)★★★★

Pietatii nr. 9-11, 200127 Craiova [Show map](#)
Opened in 2007 and located in a residential area only 500 meters from the centre of Craiova, and IPA headquarter, Europeca Hotel offers well-equipped rooms and a spacious restaurant.

[Hotel Restaurant Casa cu Tei](#)★★★★

Amaradiiei 4, 200134 Craiova [Show map](#)
The impressively luxurious Casa cu Tei Hotel is situated only 5 minutes' walk from the centre of Craiova and offers you fully equipped rooms with period furniture and fine cuisine.
Casa cu Tei is the ideal location both for business tourism but also for those who want to discover the charm of the city.

[Hotel Jiul](#)★★

Street Calea Bucuresti 1-3, Craiova, Romania
The hotel is situated in the center of Craiova, right at the zero kilometer.
The architecture and the building finish are classical and are combined with good taste and modernism.
The Jiul Hotel is an ideal starting point to discover the cultural and artistic patrimony of the city centre of Craiova, the Romania's 6th largest city and the most important city of Oltenia.

Hotel Bavaria

Located near the center of Craiova (Romania), ten minutes time of Craiova train station, the position of our hotel favors both business meetings and the visit of sightseeing spot in Craiova.

One of the common property of all these hotels is the walking distance to IPA headquarter located at the km "0" and to some of the most important administrative and cultural institutions in Craiova, such as The "Marin Sorescu" National Theatre, The Art Museum, The House of Students, University from Craiova, famous churches, Craiova City Hall and "Michael the Brave" Square with its musical fountain and a very pleasant walking and shopping area.

You can check out other hotels listed on the website: <http://www.booking.com>

NOTE: In case that practical information is insufficient or unclear please communicate us your flight timetable and we will provide you all needed information and the best connections from the airport to Craiova.

Registration

Registration is available on CIVITAS website under Events head: **PUBLIC TRANSPORT STUDY TOUR** (http://www.civitas.eu/index.php?id=12&event_id=463&more=)

Please note: The number of participants is limited to 10 people! Registration is necessary.

Contact

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