

# B | R | N | O | THE SISTER CITIES DAY

1 – 3 JUNE 2026 BRNO

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We would like to invite you to the Sister Cities Day 2026 that will take place on 1–3 June 2026. The aim of this event is to connect our sister cities and establish a communication platform to solve topical issues.

The 2026's main topic will be **ENERGY**.

The three-day programme will include **3 thematic workshops** prepared in cooperation with the municipal companies SAKO (waste collection and processing), Teplárny Brno (district heating), and the Brno City Transport Company.

Topics of the workshops:

1. Energy from Waste
2. Public Transport Energy
3. Urban Energy and Mobility

## PRELIMINARY PROGRAMME

### Monday 1 June 2026

afternoon arrival, accommodation in the Continental hotel  
18:00 opening by a representative of Brno, presentations  
19:00 dinner in the Continental hotel

### Tuesday 2 June 2026

9:00 – 12:30 workshops – working groups meeting  
13:00 – 14:30 lunch  
15:00 – 18:00 workshops, site visits  
20:00 buffet reception

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## Wednesday 3 June 2026

- 11:00 – short summary and outputs of workshops, informal discussion, New Town Hall
- 12:00 lunch
- 14:00 guided tour of Brno for interested participants
- 15:30 end of programme

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## WORKING GROUPS & TOPICS

### 1) Energy from Waste

**Challenges and opportunities for the optimal utilization of key locally available energy sources**

**Working group guarantor:**

SAKO (waste collection and processing)

**Contact person:**

Mr Martin Mužila, muzila@sako.cz

**Abstract:**

Within the Energy from Waste group, the main focus will be on the challenges and opportunities associated with the optimal utilization of key locally available energy sources, especially waste. The discussion will address the entire waste management chain – from collection, separation and recycling to the possibilities of energy recovery in urban environments, where it can serve as a reliable backup energy source, for example in the event of a blackout. The agenda will also include an evaluation of current trends in the field, legislative requirements and the resulting challenges, including technological innovations that enable more efficient waste-to-energy conversion.

**Target groups:**

employees and experts in municipal services dealing with recycling and energy recovery from waste, as well as specialists involved in the production of heat and electricity for district

### 2) Public Transport Energy

**Energy-efficient public transport infrastructure and alternative fuels**

**Working group guarantor:**

Brno City Transport Company

**Contact person:**

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**Abstract:**

Within the Public Transport Energy and Alternative Fuels group, topics related to sustainable public transport will be discussed, particularly in relation to energy, fuels and environmental impacts. At present, there is a gradual shift away from vehicles with combustion engines towards alternative fuels. However, this transition may involve both technical challenges and the high operating costs associated with vehicles using alternative propulsion systems.

For electric vehicles (trams, trolleybuses and battery-electric buses), there are ongoing efforts to reduce peak power demand. When charging larger fleets of trolleybuses and electric buses, insufficient capacity on the part of energy distribution providers may become a key issue. Fast charging also faces high fees for reserved power capacity. Transport operators are therefore interested in other alternative fuels such as hydrogen or biomethane. Cities and their transport companies must address all these aspects in order to create a balanced and sustainable mix of environmentally friendly vehicles.

**Target groups:**

municipal employees involved in public transport planning, as well as staff of transport companies dealing with the issues described above

### 3) Urban Energy and Mobility

**Transformation of urban energy and mobility – new challenges****Working group guarantor:**

Teplárny Brno (district heating)

**Contact person:**

Mr Jiří Šamánek, samanek@teplarny.cz, Mr Michal Lepka, lepka.michal@brno.cz

**Abstract:**

Within the Urban Energy and Mobility group, topics related to the provision of energy services and mobility within the urban agglomeration will be discussed. The historical development of district heating, its earlier transformations, and current plans to phase out fossil fuels will be emphasized – for example, plans to build renewable energy sources or to use carbon-neutral alternatives. The current state of the European energy market and the political direction of the European Union in the field of energy will also be taken into account. In addition, the overlap between the energy sector and urban mobility, both individual and public, will be discussed, including the possibility of the participation of municipal energy companies in building community energy systems (for example, the production of electricity for charging electric vehicles).

**Target groups:**

employees of companies involved in the operation of district heating, heat and electricity production, and other related services (commercial, technical), as well as those providing electromobility-related services

# 捷克布爾諾市姊妹市日活動摘要

## 一、簡介

本市姊妹市捷克布爾諾市將於今年 6 月 1 至 3 日舉辦「姊妹市日 (Sister Cities Day)」。該活動旨於促進各姊妹城市間之合作，並提供交流平台，分享最佳實務、經驗與專業知識。今年的主題是能源。為期 3 天的活動，將規劃 3 場主題工作坊，並與已下單位合作籌辦：SAKO(負責垃圾清運與處理)、Teplárny Brno (負責區域供熱) 及布爾諾市交通公司 (Brno City Transport Company)。

## 二、主題

項次	主題	說明
1	廢棄物轉換為能源:關鍵在地能源最佳利用的挑戰與機會	在「廢棄物能源」工作小組中，討論重點將聚焦於如何最佳化運用當地可取得之關鍵能源來源，特別是廢棄物，所涉及的挑戰與機會。討論內容將涵蓋完整的廢棄物管理鏈，包括廢棄物的收集、分類與回收，以及於都市環境中進行能源回收的可行性；此類系統可於停電等緊急情況下，作為可靠的備援能源來源。此外，議程亦將納入對該領域當前發展趨勢、相關法規要求及其所衍生挑戰的評估，並探討可提升廢棄物轉換為能源效率之相關技術創新。
2	公共交通能源:節能型公共運輸基礎設施與替代燃料應用	在「公共運輸能源與替代燃料」工作小組中，將就永續公共運輸相關議題進行討論，特別聚焦於能源、燃料及其對環境所造成之影響。目前，公共運輸系統正逐步由內燃引擎車輛轉向採用替代燃料；然而，此一轉型同時伴隨技術層面的挑戰，以及使用替代推進系統車輛所衍生的較高營運成本的問題。針對電動運具，包括電車、無軌電車及電池電動公車，相關單位目前正持續推動降低尖峰用電需求。

項次	主題	說明
		<p>然而，當無軌電車與電動公車車隊規模擴大與電動公車車隊規模擴大並進行集中充電時，能源配電業者之供電容量不足，可能成為關鍵限制因素；此外，快速充電亦涉及預留電力容量所帶來的高額費用。基於上述限制，運輸營運單位亦關注氫能或生質甲烷等其他替代燃料之可行性。市政府及其所屬交通公司，必須因應上述各項挑戰，方能建構兼顧平衡性與永續性的環境友善車輛組合。</p>
3	<p>公共交通能源：節能型公共運輸基礎設施與替代燃料應用</p>	<p>在「都市能源與運輸」工作小組中，將聚焦討論都市內能源服務供應與運輸相關議題。討論重點包括區域供熱系統的歷史發展與早期轉型經驗，以及目前逐步淘汰化石燃料的相關規劃，例如建置再生能源設施或採用碳中和替代方案。同時，亦將納入歐洲能源市場現況，以及歐盟在能源領域的政策方向。</p> <p>此外，亦將探討能源部門與都市運輸之間的交集，涵蓋個人運輸與公共運輸層面，並包括市政能源公司參與建構社區能源系統的可能性，例如生產電力以供電動車充電。</p>

### 三、相關補助

布爾諾市將負擔每個姊妹城市最多 3 名與會者 6 月 1 至 3 日之住宿，在活動期間之餐食及當地交通費用（不含接送機）。本市名額預計為本府 1 名，本市各大專院校相關領域學者 2 名。

#### 四、議程

日期	內容
6/1	下午：抵達，入住 Continental Hotel 18:00 由布爾諾代表開幕致詞與簡報 19:00 晚宴（於 Continental Hotel）
6/2	09:00 - 12:00 工作坊（工作小組會議） 13:00 - 14:30 午餐 15:00 - 18:00 工作坊與實地參訪 20:00 - 自助式交流餐會
6/3	11:00 - 12:00 工作坊簡要總結與非正式討論（於布爾諾新市政廳） 12:00 午餐 14:00 布爾諾市市政參訪（自行選擇是否參加） 15:30 活動結束