



Part III

The Future of TourMIS

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OURMIS WORKSHOP

21st TourMIS Workshop

Adoption of impact models among NTOs
and DMOs

September 10-11, 2026

The Future Development of TourMIS

- **APIs for data import from statistical offices**
- **Further expansion and fitting to the needs of the regions database**
- **Extension of the list of markets (world-wide list)**
- **Estimating the direct economic contribution of tourists based on daily spending and tourist tax data collected during the course of the upcoming year**
- Trend analysis of seasonality
- Residence sentiments (e.g. Tourism Acceptance Score (TAS), common drivers ...)
- Tourism employment (% of people working in the tourism industry)
- Tourism work force satisfaction
- APIs for data export (single destination & benchmarking graphs)
- Estimation of disabled (secret) data by statistical offices
- Forecasting & visualization of estimated vs actual data
- AI

Regions: Next steps

- More data interfaces
 - NUTS or LAU or NECSTourR definition of regions? **Overlaps?**
 - Markets, annual, monthly, type of accommodation establishments?
 - Capacities (bedspaces, accommodation units, occupancy rates)
- Manually entered data
 - Size of destination, GEO codes, population numbers ✓
 - Attractions & sights
- Analysis & reporting
 - Availability & definitions ✓
 - More tables/views
 - Cross-cutting analyses (countries – regions – cities)

Proposing new tables

Drafting a new table Example: Average length of stay

Suggested label of table: Average length of stay in one ETC destination ¶

Destination=<to be selected> ¶

Type of Accommodation=<to be selected> ¶

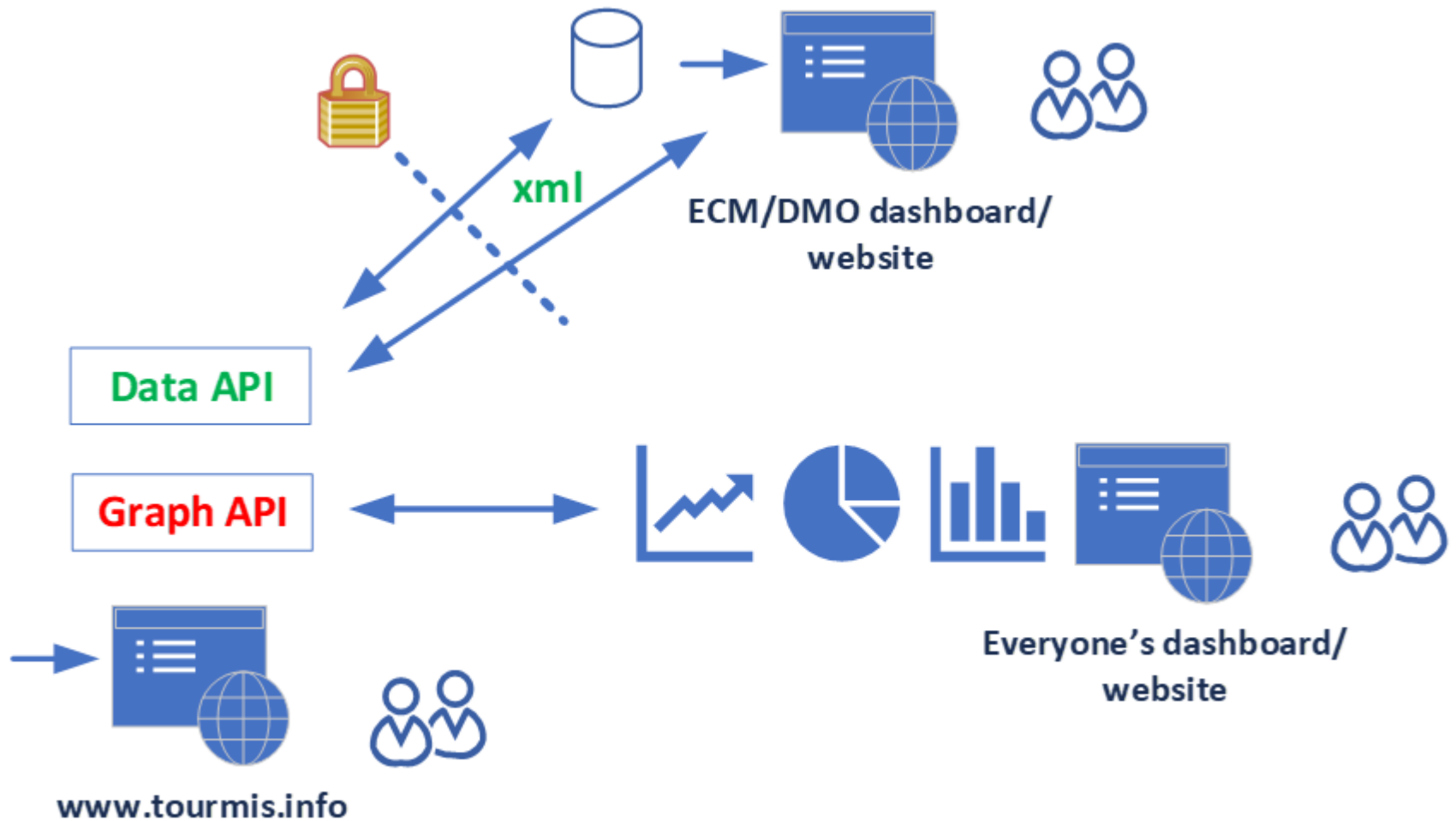
Period=mm1/yy1~mm2/yy2<to be selected> ¶

¶

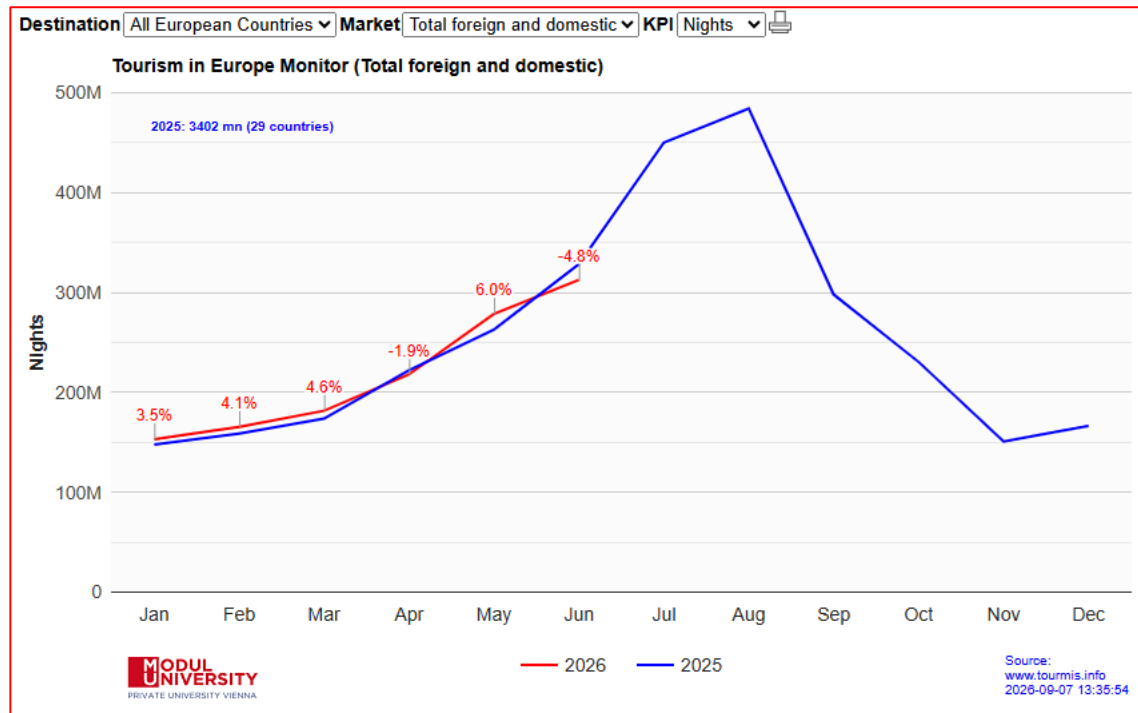
¶	Arrivals¶			Bednights¶			Avg-Length-of-Stay¶		¶
¶	mm1/yy1¶ -¶ mm2/yy2¶ (absolute)¶	mm1/(yy1-1)¶ -¶ mm2/(yy2-1)¶ (absolute)¶	%p.y.¶	mm1/yy1¶ -¶ mm2/yy2¶ (absolute)¶	mm1/(yy1-1)¶ -¶ mm2/(yy2-1)¶ (absolute)¶	%p.y.¶	mm1/yy1¶ -¶ mm2/yy2¶ (days)¶	mm1/(yy1-1)¶ -¶ mm2/(yy2-1)¶ (days)¶	¶
Market-A¶	¶	¶	¶	¶	¶	¶	¶	¶	¶
...¶	¶	¶	¶	¶	¶	¶	¶	¶	¶
Market-Z¶	¶	¶	¶	¶	¶	¶	¶	¶	¶

Submit to tourmis@modul.ac.at or karl.woeber@modul.ac.at

APIs offered by TourMIS



TourMIS Charts API: Embedded graphs (iframe)



Example: City Destinations Alliance [Website](#)

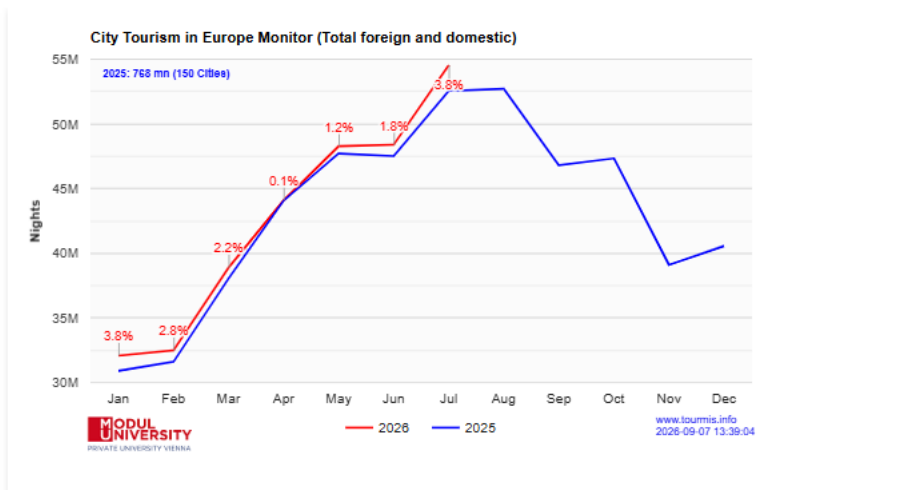
Research

<https://citydestinationsalliance.eu/research/>

Insights, research, analysis and benchmarking form a critical part of the capability and the potential of the City Destinations Alliance.

By providing data, cities can benchmark themselves in terms of their economic, environmental, and social performance in tourism. In CityDNA's Research & Insights Knowledge Group, we collect information on important key performance indicators which we analyze and share in forms of regular reports and electronically via the tourism management information system TourMIS.

For the 50% of our members who do not have their own research departments, City Destinations Alliance can provide a unique and essential source of information.



City Tourism Recovery Monitor (www.tourmis.info)

Market KPI 

Period by for max months

City Tourism in Europe			
	Total foreign and domestic	Nights	% 2025
1	Brno	Jan 26	62.4%
2	Ceske Budejovice	Jan-Mar 26	42.6%
3	Oulu	Jan-Jul 26	15.7%
4	Jurmala	Jan-Jun 26	14.5%
5	Rotterdam	Jan-Jun 26	12.9%
6	Düsseldorf	Jan-Apr 26	10.1%
7	Tallinn	Jan-Jun 26	8.9%
8	Barcelona	Jan 26	8.8%
9	Maribor	Jan-Jul 26	8.5%
10	Bled	Jan-Jul 26	8.3%
11	Linz	Jan-Jul 26	8.3%
12	Klagenfurt	Jan-Jul 26	8.2%
13	Antwerp	Jan-Apr 26	7.9%
14	Cologne	Jan-Jun 26	7.8%
15	Budapest	Jan-Jun 26	7.7%
16	Graz	Jan-Jul 26	7.4%
17	Warsaw	Jan-May 26	7.3%
18	Jelgava	Jan-Jun 26	6.8%
19	Odense	Jan-Jun 26	6.8%
20	Ljubljana	Jan-Jul 26	6.1%

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Source: www.tourmis.info
2026-09-07 13:40:25

16:56

TourMIS
tourmis.info

Markt KPI 

Periode von für max Monate

Städtetourismus in Europa			
	Summe Ausland u. Inland	Nächtigungen	Recovery 2019
1	Ötrecht	Jan-Jun 23	159.7%
2	Den Haag	Jan-Jun 23	142.1%
3	San Sebastian	Jan-Mai 23	128.9%
4	Malaga	Jan-Jun 23	121.0%
5	Klagenfurt	Jan-Jun 23	120.6%
6	Kopenhagen	Jan-Apr 23	119.0%
7	Bilbao	Jan-Jul 23	117.4%
8	Warschau	Jan-Mai 23	116.4%
9	Turku	Jan-Jun 23	115.8%
10	Rotterdam	Jan-Jun 23	114.5%
11	Lloret de Mar	Jan-Jul 23	114.2%
12	Spitt	Jan-Mai 23	114.1%
13	Linz	Jan-Jun 23	114.0%
14	Marburg	Jan-Jun 23	112.7%
15	Maastricht	Jan-Jun 23	112.4%
16	Lissabon	Jan-Mai 23	111.8%
17	Seville	Jan-Jul 23	110.4%
18	Haarlemmermeer	Jan-Jun 23	107.9%
19	Trondheim	Jan-Jun 23	107.5%
20	Barcelona	Jan-Mai 23	107.1%

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Quelle: www.tourmis.info
2023-09-02 16:54:08

AA  tourmis.info 

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TourMIS data API

- Digital bulk download service for TourMIS
- Communicates in Extensible Markup Language (XML)
- Restricted Access: Access to the TourMIS database via the API <https://www.tourmis.info/api.pl> requires a previous login with specific access rights.
- Access for TourMIS data inputters only
- Inform support@tourmis.info about your user-id and request access to the TourMIS API

TourMIS data API

- After you have received a confirmation mail that you have been granted access, you can start using the API. To start the API, use following URL:

<https://www.tourmis.info/api.pl?id=xxxxxxx&pw=xxxxxxx>

- replace the yellow part with your TourMIS ID and password. If the ID and the password is correct AND you have been granted access to the API, you will receive a **token**, random string of characters.

```
▼<TourMIS-API version="1.0" timestamp="2022-01-07 17:06:28 +0200">  
  ▼<results>  
    <token>820EA3A7-69B1-41CD-A99C-C75033DC17A3</token>  
  </results>  
</TourMIS-API>
```

- For **three minutes**, the token will allow you to send queries to the TourMIS database

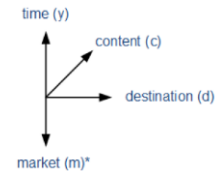
TourMIS data API

- A simple query looks like this:

<https://www.tourmis.info/api.pl?d=CPH&c=NG&m=AT&y=2019&token=xxxx>

- Each API query consists of the basic URL, parameters, and the token:

- Basic URL: <https://www.tourmis.info/api.pl?>
- Parameters: [d=CPH&c=NG&m=AT&y=2019](#)
- Token = special parameter: [token=BE1AD8C4-AFF5-404F-ABD4-16172E186819](#)



- A valid token must be included in each query, otherwise you receive a message that the token is missing:

```
▼<TourMIS-API version="1.0" timestamp="2022-01-07 17:43:06 +0200">
  ▼<results>
    <error>Token missing</error>
  </results>
</TourMIS-API>
```

- If the token has expired, you will receive the message “Token invalid”:

```
▼<TourMIS-API version="1.0" timestamp="2022-01-07 17:55:57 +0200">
  ▼<results>
    <error>Token invalid</error>
  </results>
</TourMIS-API>
```

TourMIS data API

```
▼<TourMIS-API version="1.0" timestamp="2022-01-08 14:01:54 +0200">
  ▼<results>
    ►<query>
      ...
    </query>
    ►<notes>
      ...
    </notes>
    ▼<alldata>
      ▼<data>
        <destination>CPH</destination>
        <content>NG</content>
        <market>AT</market>
        <year>2019</year>
        <value>58724</value>
        <value month="1">2514</value>
        <value month="2">3150</value>
        <value month="3">3065</value>
        <value month="4">6252</value>
        <value month="5">5741</value>
        <value month="6">6117</value>
        <value month="7">7598</value>
        <value month="8">8371</value>
        <value month="9">5180</value>
        <value month="10">4009</value>
        <value month="11">3514</value>
        <value month="12">3213</value>
      </data>
    </alldata>
  </results>
</TourMIS-API>
```

- The format of the section <data> depends on the value of the parameter periodicity (p).
- If data does not exist, the field <value> is empty.
- The <destination>, <content>, <market>, and <year> fields defines the time series.

TourMIS data API

A complete list of all codes of parameters, more information and examples for data queries are included in the
TourMIS API Manual

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Wonderful Copenhagen
Visit Portugal

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Thank you very much!