



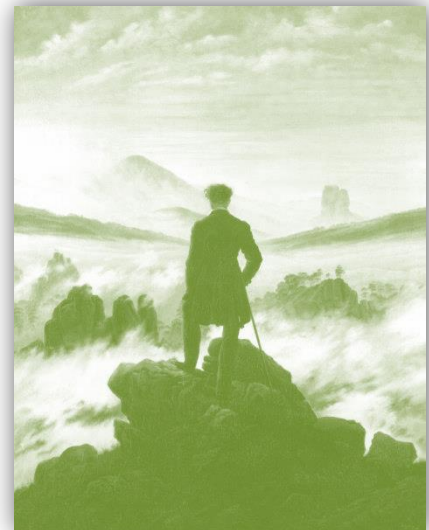
mittelhessen
Regionalmanagement GmbH

Three T
Interreg Europe



Report on Territorial context analysis (Main Report)

Partner 9
(Regionalmanagement Mittelhessen GmbH)



... a trail brought me here

Doc. 6A-TCA-P9

(25.02.2019)

Mod . 5B-3T-5

Table of contents

The template includes 8 suggested steps for executing the TCA.

Table of contents.....	2
1. General Description of «Mittelhessen» and its Demography.....	3
2. Economy and Labour Market.....	6
3. Environment and Climate Change.....	10
4. Infrastructure and Mobility.....	13
5. Tourism and Leisure.....	17
6. Existing policies related to Threet project features. Projects.....	25
7. Stakeholders.....	29
8. S.W.O.T. Analysis.....	32



1. General Description of «Mittelhessen» and its Demography

Germany is a Federal Republic and includes 16 constituent states («Bundesländer»). The federal state Hessen (officially the «State of Hesse») lies in the middle of Germany and is a NUTS 1 statistical region of the European Union, with just over six million inhabitants. The state capital is Wiesbaden; the largest city is Frankfurt am Main, which serves as Germany's financial capital and has the country's busiest airport. Hessen is divided into three planning districts («Regierungsbezirke») named after their capitals Kassel in the north, Giessen in the middle and Darmstadt in the south. «Mittelhessen» (the Region of Central Hessen) is the more common term for the «Regierungsbezirk Giessen» (a NUTS2 statistical region).



Administrative divisions of Hessen – «Mittelhessen» (Central Hessen Region) – also known as «Regierungsbezirk Giessen» (NUTS2) Source: wikipedia.org / TUBS [CC BY-SA 3.0]

«Mittelhessen» consists of five counties («Landkreise» [LK], NUTS 3 statistical regions):

- Lahn-Dill-Kreis
- Landkreis Gießen
- Landkreis Limburg-Weilburg
- Landkreis Marburg-Biedenkopf
- Vogelsbergkreis

The planning district Gießen was established in 1981 and is therefore a very young and also artificial district. Due to history (wars, religious, cultural and political diversions) we still find different boundaries in the region, for example three different protestant churches, four chambers of industry and two chambers of crafts, whose borders do not correspond to the borders of the counties.

Landkreis Gießen (306 hab./sq. km), Lahn-Dill-Kreis (237 hab./sq. km) and Limburg-Weilburg (232 hab./sq. km) are the highest populated counties in the region; Marburg-Biedenkopf with 192 and the very rural county Vogelsbergkreis with 73 hab./sq. km.

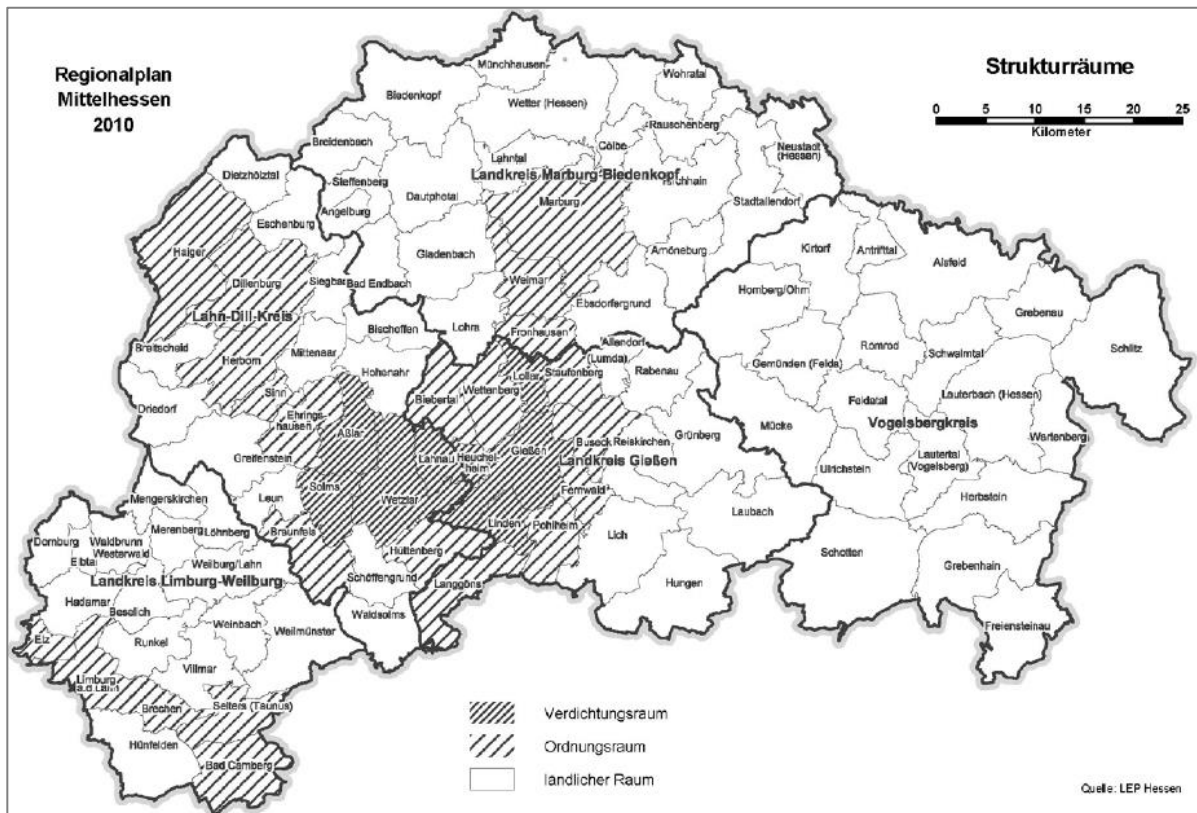
There are 101 municipalities in the region, amongst them are three major urban centres (Gießen, Marburg and Wetzlar), 18 medium-sized centres and 78 small-sized centres. Roughly 20 % of the population live in functional urban areas (defined as cities with a higher population than 50,000 people). There are 8 communities within the high compression area, 22 communities in the compressed area and 71 communities in the rural area (see map «Planning district Gießen»).

There were 486,187 conventional dwellings in the region of which 91 % were occupied in 2011. In the county Vogelsbergkreis there were 88 % occupied and 12 % unoccupied, which by then already shows one of the problems of rural areas.

In 2017 there lived 1,043,643 people in Mittelhessen, more than half of them were women. The population density for the Region was 194 hab/sp. km.

The age-spread of population in 2017 was the following: 13 % younger than 14 years, 12 % age 15–24, 32 % age 25–49, 23 % age 50–64 and 21 % 65 years and older. The median age of the population was 45,3 – with a significant lower median age in the two counties Gießen and Marburg-Biedenkopf as there are three universities (Justus-Liebig-University Gießen, Philipps-University Marburg, University of Applied Science Mittelhessen). The city of Gießen is the one with the highest density of students in Germany (student/population rate): 4 out of 100 inhabitants are students. The demographic balance in the Region Mittelhessen (3,4) varies from 12,1 (LK Gießen) to -4,9 (Vogelsbergkreis). Three of the five counties had a gain of inhabitants in 2016.

The area covered is 538,058 ha in total (¼ of Hessen) of which 15 % are urban and traffic areas and 83 % vegetation areas with more than 45 % forest.



Planning district Gießen with its three functional areas within the spatial planning (high compression area / compressed area / rural area)

Source: Regionalplan Mittelhessen 2010

Specific for «Mittelhessen» is a mix of low mountain ranges (Taunus, Westerwald, Lahn-Dill-Bergland, Burgwald and the no longer volcano area Vogelsberg) and valley landscapes. The highest mountain is «Taufstein» (773 m, Vogelsbergkreis). There are three important rivers named Lahn, Dill and Ohm. River Lahn and Dill are historical important connections and are one of the main influence of the development of cities and the economy earlier on. In the western part of the region there are many ore and coal deposits which became obvious by the cut through of the rivers. Those are also the areas today where we find industrial heritage and cultural sites.

The climate can be subsumed as a mixture of maritime and continental with an annual precipitation between 600 and 1200 mm and an average temperature of moderate 9 degrees celsius. Due to the low mountain ranges there are a lot of local variations.

2. Economy and Labour Market

«Mittelhessen» is the leading industrial region in the federal state of Hessen, with tradition-rich universities and a strong craftsmanship. This is the expression of the region's excellent business and science structures. It comprises innovative mid tier companies with a large number of patented developments, applied research at three universities with 73,081 students and on external research institutions, with existing cooperation structures in different industry clusters, attractive cultural offerings and natural sights.

The strongest branches of industries and clusters (2017) are:

- Metal and electrical industries (Proportion of social insurance employees in the respective sectors: "Mittelhessen" 15 % / Hessen 8.6 %)
- Medical technology, biotechnology, pharmaceuticals and healthcare (Proportion of social insurance employees in the respective sectors: "Mittelhessen" 9.9 % / Hessen 9.1 %)
- Measurement and control technology, optics and photonics (Proportion of social insurance employees in the respective sectors: "Mittelhessen" 2.1 % / Hessen 1.2 %)

Some are organised in industrial cluster networks:

- Competence Network Environmental Technology – KNUT
- Wetzlar Network – Optics, Electronics & Mechanics

Processing Industries (2017):

- Companies (Operations by companies with 50 or more employees): 361
- Employees: 75,910
- Total turnover (in millions of EUR): 17,033
- Export turnover share (in millions of EUR): 8,058
- Export share: 47.3 %

There are a few hidden champions within the region with a high international competitiveness of the broadly diversified medium-sized industry (a lot of them are family run).

Labour force potential:

- No. of trainees and apprentices (2017): 17,726
- No. of newly concluded traineeship/apprenticeship contracts (2016): 6,057
- Number of university students (WS 2017/18): 73,081
- Total no. of graduates (2016): 10,279
- Graduates from the fields of medicine, pharmaceuticals, business science, engineering, mathematics, computer science, physics, chemistry, law, home economics and nutritional science: 6,495 (ca. 63 %)

Innovation:

- Proportion of experts/specialists amongst social insurance employees (2017): 21.6 %
- Proportion of social insurance employees who work in knowledge-intensive industries: 10.7 % (Hessen: 9.2 %)

Mittelhessen's innovation potential is unrivalled in Germany. Universities and businesses are increasingly working together to create applications and products using cutting-edge technology. The Mittelhessen region has the highest concentration of students in Germany. This is one of the unique advantages that this location offers to companies, especially those working with cutting-edge technology. Mittelhessen's three universities prove themselves to be real innovation powerhouses in this respect, thanks to their invaluable pool of qualified workers and expertise. The optical industry has a long tradition in «Mittelhessen», and is associated with renowned names of the likes of Ernst Leitz (Leica), Minox and Hensoldt.

Thanks to cutting-edge technology, products have been developed in Mittelhessen's companies that have achieved global fame, such as the celebrated Leica (Leitz camera). Mittelhessen's universities are also highly regarded as hubs for medical research and applications. Biotechnology, medical engineering and the pharmaceutical industry are just a few of the user industries to benefit from this expertise and affording a high degree of development potential in the region. In addition to the ideal investment climate, the Mittelhessen region moreover offers the opportunity to establish interesting contacts in the fields of research and development. Institutions such as TransMIT GmbH (the Transfer institution for the universities) Mittelhessen facilitate networking between local businesses and Mittelhessen's universities, ensuring scientific findings are transformed into applied business expertise.

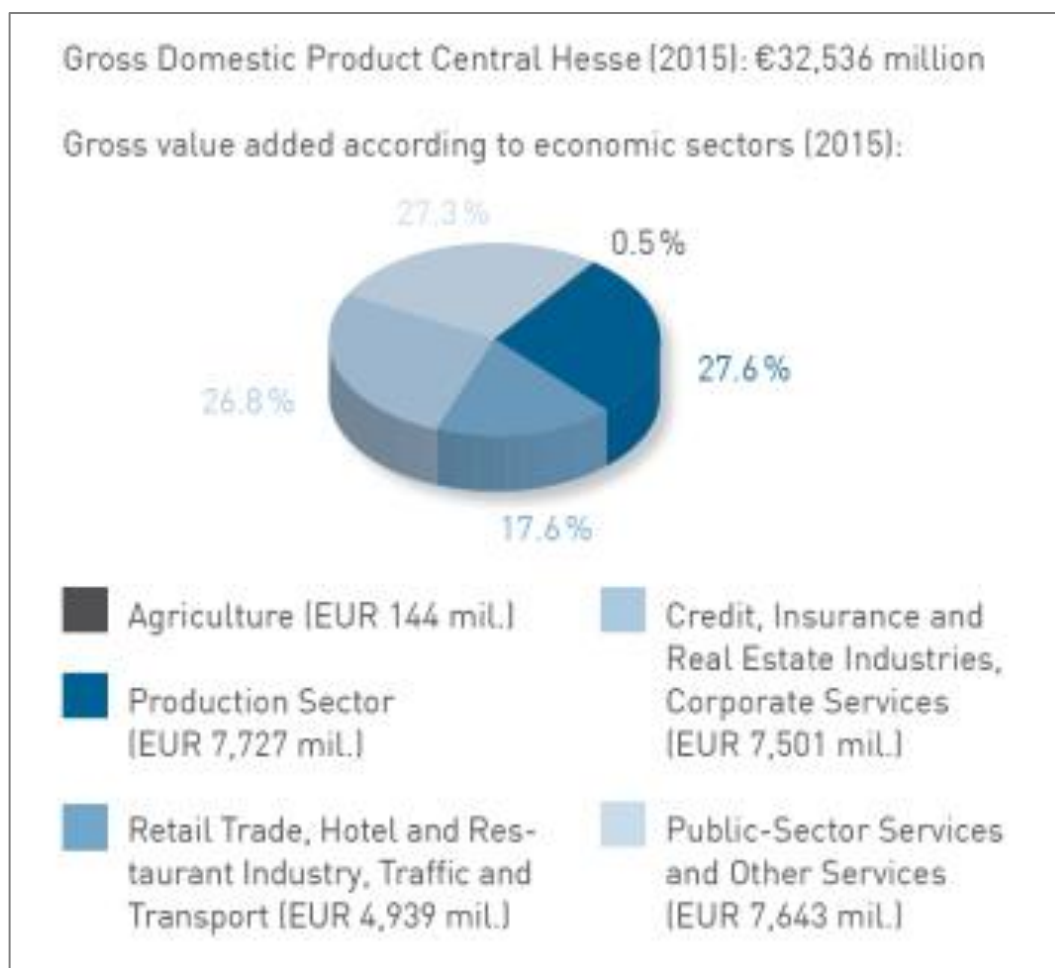
In «Mittelhessen», many institutions cooperate closely to promote the region as a business hub and to support the companies operating here. The municipal business development agencies and chambers of industry and commerce are important points of contact in this respect. The business development agencies in the counties and municipalities support companies, investors and start-ups in implementation of their projects. The companies themselves are organised within the chambers of industry and commerce and the chambers of crafts. They represent the companies' interests in political bodies and offer member companies countless services.

The gross domestic product (GDP) at current market prices was 32,653 million Euro in 2016. Three of the five counties contribute at least 25 % to the GDP (LK Gießen, LDK, LK MR-BID). The gross value added at basic prices was 29,284 million Euros in 2016.

There were more than 509,050 persons employed in Mittelhessen in 2015; 366,824 social-insured employees. The dispersion of regional employment rates of the age group 15–64 was 3.6 % (2017); the unemployment rate was 4.5 % (2018). The dispersion of regional unemployment rates was 32 % in the whole region (2017). There were 73,557 companies registered with the Chamber of Commerce; and 11,724 with the crafts businesses (2017).

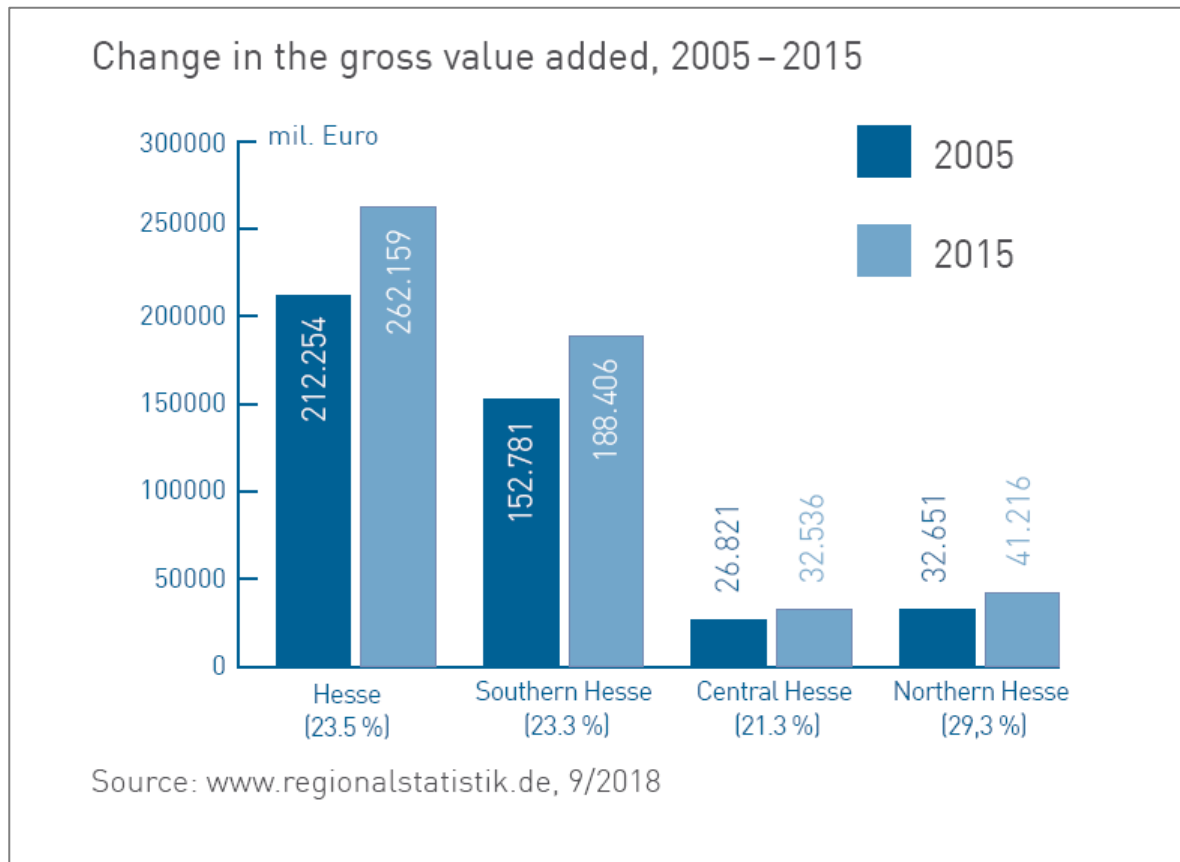


counties	gross domestic product (GDP) at current market prices 2016 (million Euros)	employment 2015 (in 1.000 persons)
LK Gießen	8.708	134.60
Lahn-Dill-Kreis	8.161	125.12
LK Limburg-Weilburg	4.742	76.05
LK Marburg-Biedenkopf	8.348	127.05
Vogelsbergkreis	2.694	46.23
Region Mittelhessen	32.653	509.05



Change in the gross value added (2005–2015)

Source: Regionalstatistik



Change in the gross value added (2005–2015)

Source: Regionalstatistik

Purchasing Power (2018)

- Purchasing power of “Mittelhessen”: EUR 21,687 per person
- Purchasing power in Germany: EUR 22,949 per person
- Purchasing power index for “Mittelhessen”: 94.5 (Germany = 100)

Besides the innovative business structure, the quality of life is also very high in “Mittelhessen” and appreciated by the companies (soft location factors). The versatile cultural, sport and leisure offers make “Mittelhessen” a region with favourable living standards and a high quality of life. Whether a canoe trip on the River Lahn or Dill, a cycling tour from one historic old town to the next, or a hike in the Vogelsberg or Taunus low mountain range – the region has a great deal to offer.

3. Environment and Climate Change



Physical map of Hesse

Source: wikipedia.org, Lencer [CC BY-SA 3.0]

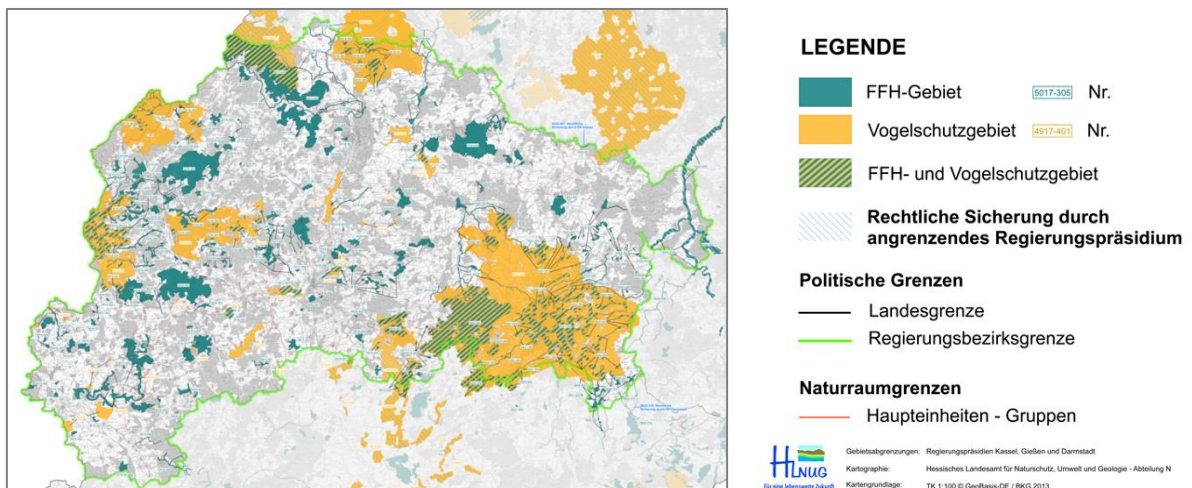
The climate in the Region Mittelhessen can be subsumed as a mixture of maritime and continental with an annual precipitation between 600 and 1200 mm and an average temperature of moderate 9 degrees celsius (winter: -3 to 1°Celsius, summer: 15 to 19 ° Celsius). Due to the low mountain ranges there are a lot of local variations within the region.

The variation of exceptional climatic adverse events against the previous years: 5 % more precipitation in the past 50 years and 1,3 degrees higher mean temperature in the past 50 years.

There are 5.721,77 ha of protected areas in total (including also Habitats Directive or bird protection areas).

counties	protected areas (ha)	share of total ha (%)
LK Gießen	918	16
Lahn-Dill-Kreis	1.424	25
LK Limburg-Weilburg	674	12
LK Marburg-Biedenkopf	1033	18
Vogelsbergkreis	1.673	29
Region Mittelhessen	5.722	–

Concerning the biodiversity of wildlife and flora there are 259 species groups in Hessen amongst which are 32 endangered species according to “Rote Liste Hessen”.



Habitats Directive areas (green) and areas of bird protection (yellow) in the Region «Mittelhessen»
Source: Regierungspräsidium Gießen/ Hessisches Landesamt für Naturschutz, Umwelt und Geologie (HLNUG)

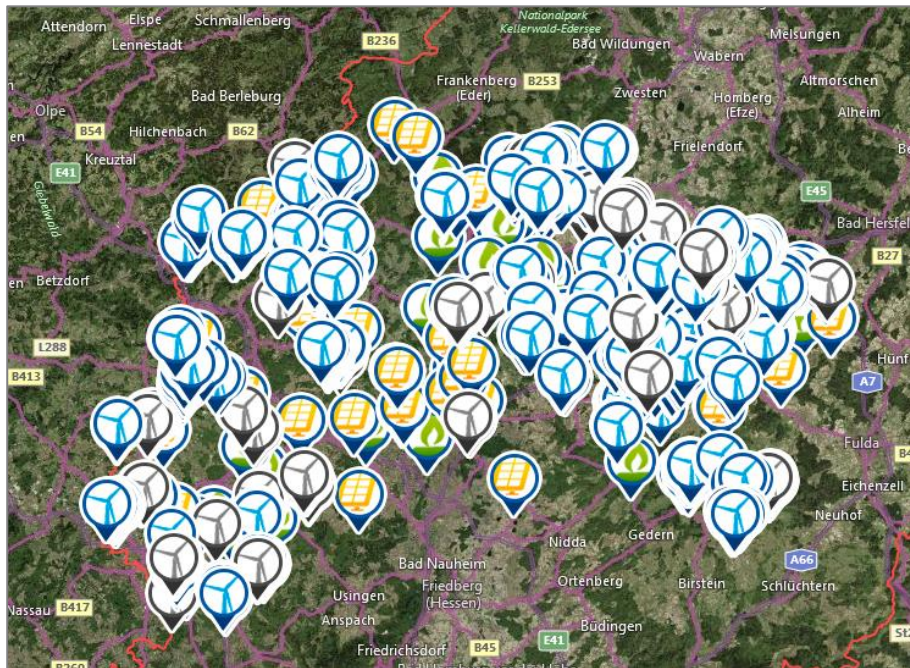
The western part of «Mittelhessen» belongs to the Hessian Synklinorium, a kind of large-scale indentation, which was formed by folding and pushing over the earth layers in the Palaeozoic period which results in different elevations, fault lines and faults. The numerous fault zones are one of the reasons for the extraordinary variety of ores and minerals found in the region. Thus the iron ore mining and smelting was settled here and a strong mining industrie developed. Nowadays the mining history can be experienced in the Geopark «Westerwald-Lahn-Taunus».

The eastern part of «Mittelhessen» belongs to the «Vogelsberg». This is the a low mountain range in Hessen and reaches a height of 773 m above sea level at the Taufstein. It is part of the East Hessian Highlands and the largest closed basalt massif in Europe. The «Hoher Vogelsberg Nature Park» occupies large parts of its high elevations. The Rhine Weser watershed also runs over the Vogelsberg.

The endowment of cultural and natural heritage of tourist interest are as follows:

- Nature park «Lahn-Dill-Bergland» (830,000 ha, 18 communities)
<https://www.lahn-dill-bergland.de/>
- Nature park «Hoher Vogelsberg» (88,338 ha, 28 communities)
<http://www.naturpark-vulkanregion-vogelsberg.de/>
- Geopark «Westerwald-Lahn-Taunus» (3,846,000 ha, 18 communities)
<https://geopark-wlt.de/>
- Geopark «Vulkanregion Vogelsberg» (2,500,000 ha, 12 communities)
<http://www.geopark-vogelsberg.de/>

The incidence of renewable energy on total energy production in Hessen is a share of 39,3 % of renewable energy on total energy production. «Mittelhessen» had a final energy consumption for electricity and heat of around 22 TWh in 2008. Of this, around 1.5 TWh was covered by renewable energies – 6.8 % each for electricity and heat. More data is not available. Up to 2014, 319 wind energy plants, 21,830 photovoltaic plants, 127 hydropower plants and 106 bioenergy plants were in operation in Central Hessen according to the information provided by the electricity grid operators, generating a total of around 1,593 GWh of electricity, including non-EEG plants. In 2014, electricity consumption in the region amounted to approx. 5,522 GWh, from which a coverage ratio of 28.9 % is calculated for electricity from renewable energies. This increase is due to the expansion of photovoltaics (2008: 60 GWh, 2014: 352 GWh), but above all to a significant expansion of wind energy, whose electricity yield rose from 265 GWh in 2008 to 751 GWh in 2014.



Use of renewable energy in the Region «Mittelhessen»

Source: Regierungspräsidium Gießen

4. Infrastructure and Mobility

Located at the natural centre of Germany, the Mittelhessen region affords very good transport connections. Around 15.8 million people live in the regional catchment area. The most important German and European conurbations and markets can rapidly be accessed thanks to the central location and good connections to the German road and rail networks. Within the region, it takes an average of less than 15 minutes to reach the nearest motorway junction. Considering the five counties the distance varies from 6 minutes (LK Gießen) up to 26 minutes (LK MR-BID).

One in four of Germany's major companies can be reached within two hours. The high-speed (ICE) train stations in Limburg, Gießen and Marburg and the proximity to Frankfurt's international airport round off the excellent transport infrastructure.

The transport infrastructure in the region consists of 13,641 km route in total:

- 955 rail km with 103 stations
- 493 motorway km
- 639 footway km

The transport infrastructure in rural areas is less good and you need your own car to go to work, the doctor or shopping. There is a service of school buses operating in the morning and

midday/afternoon. But there is hardly a regular service on weekends, although you can find a system called «Anrufsammeltaxi/Anruflinientaxi/Rufbusse (AST/ALT: you can order a bus/taxi by calling them an hour before the schedule)» or «AnschlussSammelTaxis» (AT: connections from a train station or important bus station). As a lot of cultural sites are located in the rural areas, the accessibility by public transport is poor.

So far, the modal split of passenger transport in Hessen (2017) is as follows:

- 8 % cycling
- 11 % public transport
- 24 % walking
- 57 % private motor vehicle

As per a recent survey, the percentage of population riding a bike in Hessen (2017) is as follows:

- 18 % daily
- 17 % 1 to 3 times a week
- 14 % 1 to 3 times a month
- 14 % less than monthly
- 37 % never, almost never

The transport performance of regular services by bus, metro, train was 38,639,524,000 persons/km and 2,045,349,000 passengers in Hessen (2017).



Map of long-distance traffic in the Region «Mittelhessen», Source: Deutsche Bahn AG

There are three public transport associations in Hessen. The «Rhein-Main-Verkehrsverbund» (RMV) operates in the Region Mittelhessen (bus, train) and is one of the biggest associations in the whole of Germany (14,000 sq km, over 10,000 stops and 720 million clients). There are also local bus companies in charge of the transport in bigger cities and rural areas. Due to different companies you find that the connectivity of services is not good when you have to cross borders (cities, countries) while travelling.

The RMV offers different types of services and also leisure trips to be reached by public transport such as cultural visits, events, bike or walking tours. Amongst the 12 bike offers, there are two located in Mittelhessen. There is also an offer called «RMV-Xtra-Tour» which provides for visiting cultural sites by train.

There are different offers which combine transport and tourism in the Region of Mittelhessen to rise awareness towards «green transportation»:

- «Vulkanexpress»: It operates from 1st of May until end of October on then week-end and bank holdidays in the country Vogelsberg (public bus with bike trailer) connecting the viewpoint Hoherodskopf (773 m). There are six lines and two offer also the possibility of jump on and off along the bike trail «Vulkanradweg» (94 km).
- «Blaue Linie»: It operates from 1st of May until end of September on week-ends and bank holdidays in the country Limburg-Weilburg (80 km) and combines touristic offers such as Aartalsee, caves and picturesque cities.
- «Weitalbus»: It operates from May till October on week-ends and bank holdidays. It connects the Lahn valley with the Taunus.
- Train-track along «Lahnradweg» (Lahn Valley Cycleway, three federal states): 245 km along the river Lahn – from the source to its mouth into river Rhein you have the opportunity to hopp on and off the train (ADFC-certified with 4 stars (max. 5 stars).
<https://www.tourenplaner-rheinland-pfalz.de/de/tour/radfernweg/lahntalradweg/8691708/#dmmdtab=oax-tab4>
- «Railroad Bike Path Hessen» (320 km): It connects bicycle routes which use former train tracks with interesting towns and transport possibilities. There is also a link to long distance bicycle tracks (R1, 2, 3, 7 and 7a).
<https://www.bahnradweg-hessen.de/bahnradweg.html?&L=2>

There are also 1,935 km of existing bike pathes in Hessen which makes up 12,5 % of the road network (2015). Since mid of 2018 you can hire bikes in Gießen (THM and JLU) and also in Marburg (PUM). Also hotels and pensions offer bike hire-sercives (sometimes in cooperation with a local dealer), nowadays also pedelecs. Nine bike dealers have connected their offers with the public transport company RMV.

Status of the expansion of high-speed broadband coverage in central Hessen (11/2018):

- Lahn-Dill-Kreis: area-covering expansion of 95 % of all households with 30 Mbit/s by Deutsche Telekom against payment of a subsidy (EUR 8.4 million). Around 500 cable

branches with around 200 km of optical fiber were connected over a construction period from 2014 to 2017. An expansion project for the redensification of the local area was completed in mid-2018. Measures are currently underway for the direct development of schools and hospitals with fiber optics.

- District of Gießen: Expansion of 55 % of all households in the district with up to 30 Mbit/s as public-private partnership (PPP) GmbH model with Deutsche Telekom as network operator. Construction period from 2012 to 2016. The municipalities have invited tenders for area cluster packages. The remaining districts were also expanded with Deutsche Telekom in the coverage gap model by 2018. An expansion project to develop schools and hospitals is being planned.
- Limburg-Weilburg district: Expansion by Deutsche Telekom against payment of a subsidy (EUR 5.5 million). Approximately 300 cable branches were developed. Construction period from 2014 to 2016. An expansion project for the development of schools and hospitals is currently being implemented.
- District of Marburg-Biedenkopf: Deutsche Telekom (excluding the Marburg urban area) completed the area-wide expansion in mid-2015. 531 cable branches were developed. An expansion project was completed in 2018 and additionally supplied the areas that were considered for further densification and also provided direct access to schools and hospitals with fiber optics.
- Vogelsbergkreis: Participation in Breitbandinfrastrukturgesellschaft Oberhessen GmbH (bigo). Nationwide expansion both through self-financed activities of Deutsche Telekom and in the coverage gap model. The project for the subsidized expansion is expected to start in 2019. The ground-breaking ceremony for Deutsche Telekom's own expansion in the municipalities of Lauterbach, Alsfeld, Romrod and Schlitz took place in March 2017. These construction measures are expected to be completed in July 2019.

5. Tourism and Leisure

Mittelhessen is characterised by unique natural and cultural scenery comprising river valleys, low mountain ranges, historic old towns and villages, sites of historic interest (e. g. nearly 200 castles, uncountable churches and domes, more than 60 museums, impressive caves, sites of Celts and Romans, UNESCO World Heritage «Limes» and over 300 protected heritage industrial monuments). The region is therefore particularly ideal for water sports, cycling and hiking.

The Lahn, Dill, Weil, Ohm and Wetter rivers are great for canoe trips. Indeed, the River Lahn is one of the most popular destinations in Germany for boating trips (160 km). Passing by original and diverse nature landscapes and historical and cultural sightseeings, locks can be operated, water slides and Germany's only ship tunnel can be paddled through in Weilburg.

The «Lahn Valley Cycle Route», which has been awarded four out of five stars by the German National Cyclists' Association (ADFC), runs beside the river. The most popular bike trails are:

- «Lahntalradweg» (245 km): A main track through the valleys of River Lahn. But there are also nice side valleys to be discovered on the way.
- «BahnRadWeg»/«Railroad Bike Path Hessen» (320 km): It connects bicycle routes which use former train tracks with interesting towns and transport possibilities. There is also a link to long distance bicycle tracks (R1, 2, 3, 7 and 7a).
- «Vulkanradweg» (94 km)
- Hessische Radfernwege R2, R6, R7

It is possible to enjoy the unadulterated natural surroundings in the Vogelsberg, Westerwald, northern Taunus and Lahn-Dill uplands on countless long-distance and local hiking trails. The most popular hiking trails are:

- «Lahnwanderweg» / «Lahnhöhenweg» (290 km, certified tour)
- «Lahn-Dill-Bergland-Pfad» (86 km)
- «Vulkanring Vogelsberg» (115 km)
- «Hugenotten-Waldenserpfad» (a part of the 1,000 km trail in Mittelhessen)
- «Bonifatius Route» (185 km from Mainz to Fulda via Vogelsberg)
- «Extratouren» (certified tours, over 30 offers with lengths from 7 to 36 km)

Besides comprehensive information on the different routes and accommodation, the federal state of Hessen also offers a hiking tour app on its tourism portal. But there are also the tourist centres in towns and villages, countries, LEADER-Regions and the three destinations who offer information, websites, Apps and printed material.



Map of long-distance cyclepaths in Hessen

Source: DB Bahn

The endowment of cultural and natural heritage of tourist interest is as follows:

- Nature park «Lahn-Dill-Bergland» (830,000 ha, 18 communities)
<https://www.lahn-dill-bergland.de/>
- Nature park «Hoher Vogelsberg» (88,338 ha, 28 communities)
<http://www.naturpark-vulkanregion-vogelsberg.de/>
- Geopark «Westerwald-Lahn-Taunus» (3,846,000 ha, 18 communities)
<https://geopark-wlt.de/>
- Geopark «Vulkanregion Vogelsberg» (2,500,000 ha, 12 communities)
<http://www.geopark-vogelsberg.de/>

The leisure offers in Mittelhessen are extremely diverse. You will always find something to do in your leisure time at the region's many theatres, innovative museums such as the Mathematikum in Gießen, sightseeing, and during countless other events. There are in total 4.416 ha of areas of regenerated open spaces in Mittelhessen (2018):

- Garden land: 1,160 ha
- Outdoor pool/swimming pool: 131 ha
- Green area: 260 ha
- Camping ground: 146 ha
- Golf course: 520 ha
- Sports grounds: 2,199 ha

Mittelhessen is home to three touristic destinations (<https://www.hessen-tourismus.de/en/regions>):

- «Das Lahntal» (federal states of North Rhine-Westphalia, Hessen and Rhineland-Palatinate): The members are organised in the «Lahntal Tourismus Verband e. V.» (LTV) River Lahn (canoeing, bike, walking)
<https://www.daslahntal.de/>
- «Region Vogelsberg»: Region Vogelsberg Touristik GmbH (RTV), Geopark und Naturpark, it is the biggest volcanic region in Central Europe (hiking, biking, skiing). 28 municipalities are organised within this destination.
<https://www.vogelsberg-touristik.de/>
- «Westerwald»: six of the western municipalities are members of this destination (hiking, cycling), it is run by Westerwald Touristik-Service
<https://www.westerwald.info/en.html>



The arrivals and overnight stays and their development in the three destinations within the total of eleven destinations in Hessen are shown for the years 2013 to 2017.



Arrivals in the destinations «Lahntal», «Westerwald» and «Vogelsberg» (2013-2017)

Source: Hess. Stat. Landesamt

With more than 1,000,000 arrivals the «Lahntal» is the most popular destination in «Mittelhessen» (top 7 in Hessen).

- Lahntal: 430 tourist accommodations and 28,814 beds
- Vogelsberg: 182 tourist accommodations and 10,538 beds
- Westerwald: 292 tourist accommodations and 18,334 beds

The contribution to the arrivals and nights spent in Hessen is nearly 6 % each, (Vogelsberg: ~ 2%, Westerwald: 3,5 %). In 2017, 85 % of the guest were from Germany and 12 % from Europe (among them, the Netherlands holds one third). In 2017, guests stayed 2,3 days in the destination «Lahntal» and «Westerwald» and 2,6 days in «Vogelsberg».

In 2016, 13 % of all employees in «Mittelhessen» worked in the sector «Trade, transport, hotels and restaurants, information and communication services» (117,200 pers.). Amongst them, there were 71,270 employees subject to social insurance contributions.

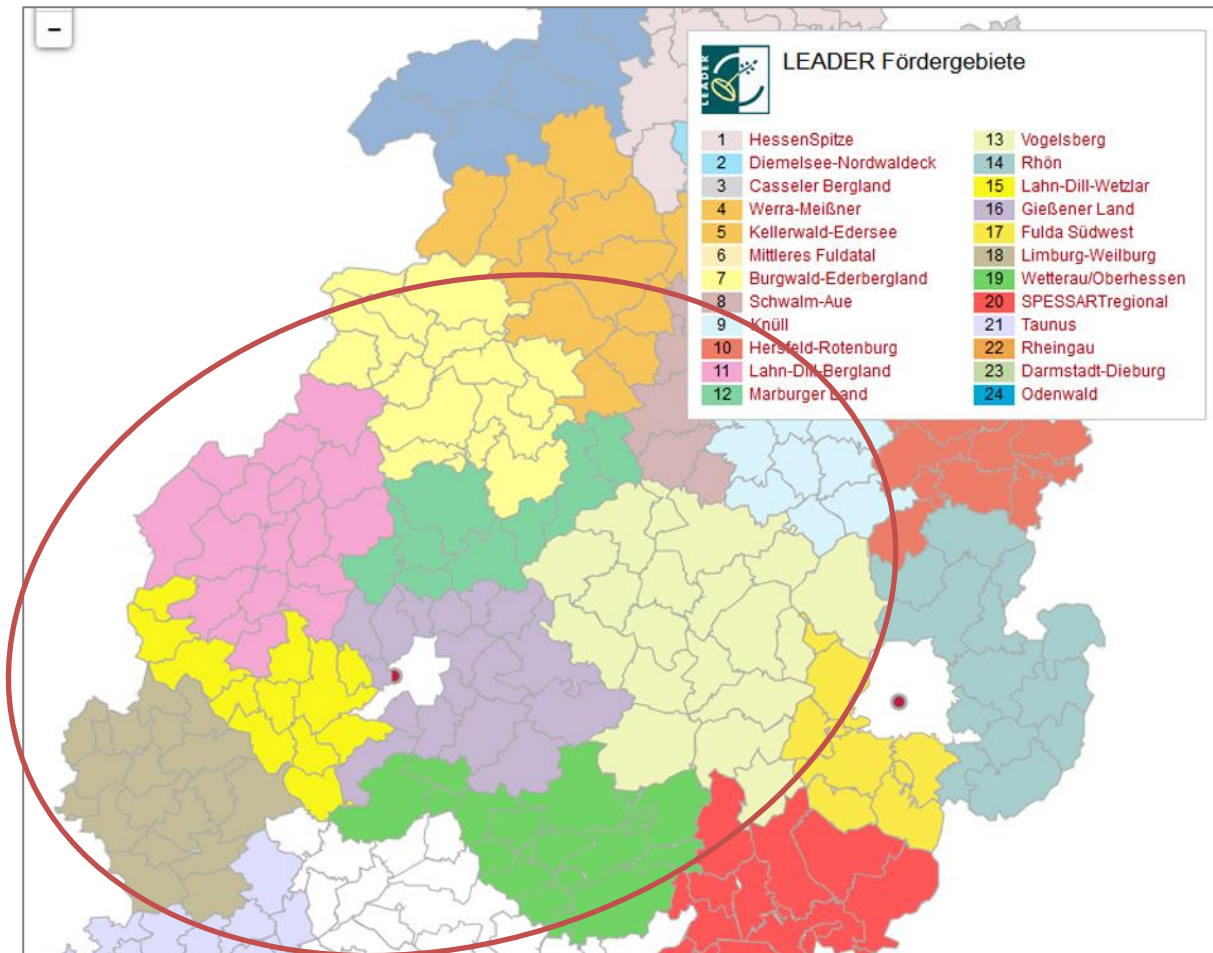


Nights spent in tourist accommodation at the destinations «Lahntal», «Westerwald» and «Vogelsberg» (2013-2017)

Source: Hess. Stat. Landesamt

Data for «Mittelhessen» in total, are the following:

counties	Number of open establishments (2017)	Number bed-places (2017)	Average capacity (2017)	Tourist visits per year (2017)	Nights spent in tourist accommodation (2017)
LK Gießen	90	3,743	26 %	248,521	486,529
Lahn-Dill-Kreis	82	3,904	30 %	235,269	505,610
LK Limburg-Weilburg	63	3,955	28 %	219,611	556,604
LK Marburg-Biedenkopf	101	4,967	33 %	281,871	687,453
Vogelsbergkreis	99	4,692	27 %	216,087	538,738
“Mittelhessen”	435	21,261	29 %	1,201,359	2,774,934



LEADER-regions «Mittelhessen»

Source: Servicestelle Vitale Orte 2030

There are seven LEADER-Regions in total in Mittelhessen:

- Burgwald-Ederbergland (no. 7): <https://www.region-burgwald-ederbergland.de/>
- Lahn-Dill-Bergland (no. 11): <https://www.lahn-dill-bergland.de/>
- Marburger Land (no. 12): <https://www.marburger-land.de/hp/>
- Vogelsberg (no. 13): http://www.vogelsberg-consult.de/index.php?option=com_content&view=article&id=47&Itemid=211
- Lahn-Dill-Wetzlar (no. 15): <http://www.lahn-dill-wetzlar.de/DE/startseite/aktuelles.html>
- Gießener Land (no. 16): <http://www.giessenerland.de/>
- Limburg-Weilburg (no. 18): <http://www.wfg-limburg-weilburg-diez.de/leader-region-limburg-weilburg/>



mittelhessen

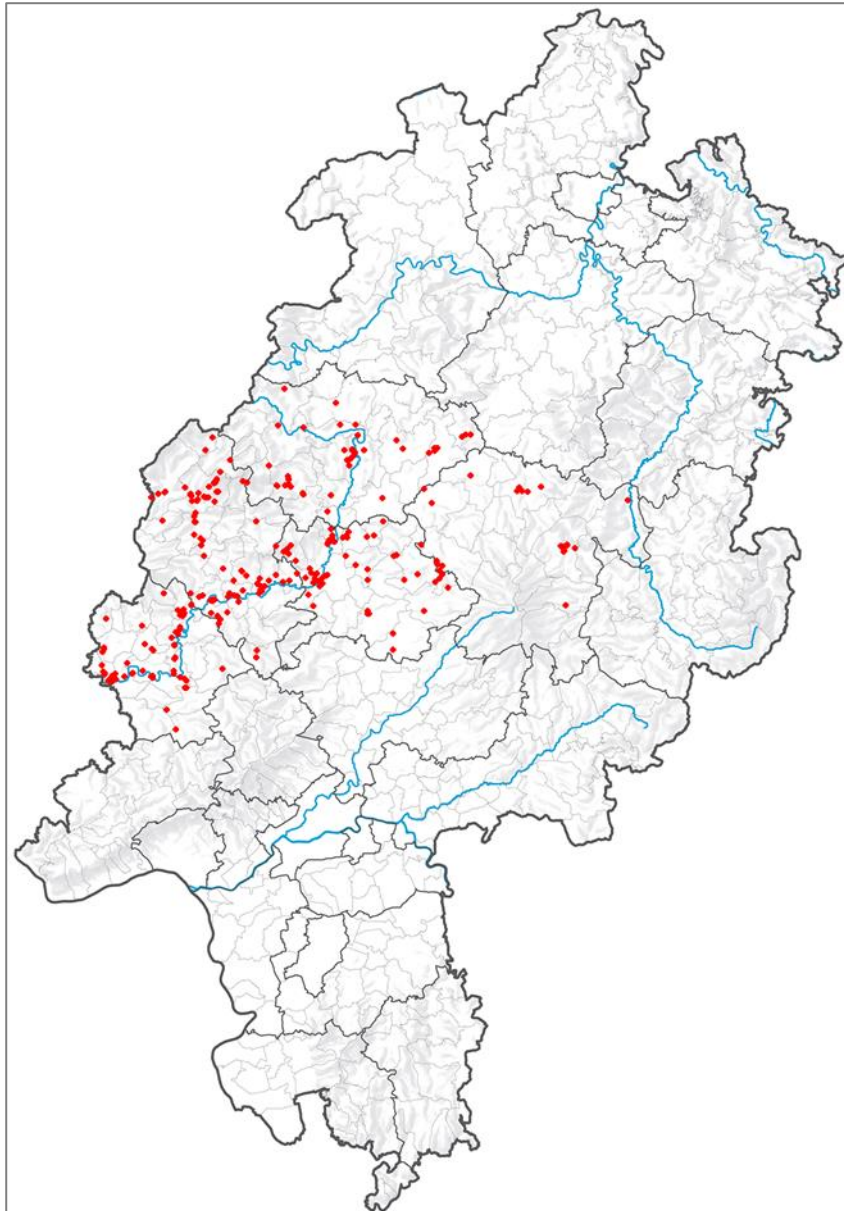
Regionalmanagement GmbH

Three T
Interreg Europe



European Union
European Regional
Development Fund

The region «Mittelhessen» is a traditional and diverse cultural area, which is characterized by its outstanding nature and landscape. In the 19th century the mineral resources laid the foundation for the emerging industrialisation, which led to an impressive change in work and production as well as in the social and cultural life of the people.



Identified sites and proposed industrial heritage objects in Mittelhessen

Source: Prof. Dr. Otto Volk

The evidence of the industrial era that is still visible today includes factories, workshops, workers' housing estates and factory owner villas, as well as transport routes by land and rivers, districts and entire towns. Places that are no longer visible today, such as mines and collieries, are still part of it.

In their entirety, these objects and places can form the «Route of Industrial Culture of Central Hessen», which thus illustrates the design and development of the region of Central Hessen. There are no points of outstanding interest but it is a nice collection of specific objects to tell the story of industrial culture in Mittelhessen.

So far, there is a private database collection of 300 objects and people can use the collected information and create their own route by combining different places. But the list of the objectives has not yet been fully completed. And there are also objects which cannot be visited and should therefore be taken out from the collection. Some of the objects and places have to be made available to the public. The idea is to have a certain and informative set of objects (not in a fixed row) which can individually be visited by guests. Finally, the «Route of Industrial Culture of Mittelhessen» will have to be promoted in the future. And there should be a person in charge who cares for one or more objects (e. g. maintenance of the object and internet/app, organisation of events).

So far, it is a network of experts from science, economy, public administration, museums, associations, monument protection, cooperation with geoparks, tourism associations and chambers of industry. The topic «industrial heritage and culture» has been systematically dealt with under the umbrella of the Regionalmanagement Mittelhessen since 2013. In 2017, the first «days of industrial culture» with different formats such as museum visits, lectures, guided hiking tours and factory visits were held. In July 2018 a LEADER co-funded project: “New ways, new media” has started in which a smartphone app, events, object signs and print folders should be one result next to the networking of the members (end of project: July 2020).

The idea of the «Route of Industrial Culture of Mittelhessen» is therefore to bring the common historical heritage as well as the developments of the present into the awareness of the people and to sensitize them on their region as a cultural area, place of life, place of work and economic area. As a joint cultural project, the Route of Industrial Culture should thrive on the participation of many people and institutions who critically and constructively deal with history, the present and the future. The «Route of Industrial Culture» can offer a special opportunity to see Central Hessen as a location that is both history-conscious and future-oriented. Last but not least, the profile of Hessen's most productive region will be sustainably strengthened both internally and externally.

There are many routes of industrial culture in Europe, one of the best known is the route in the Ruhr area (<http://www.route-industriekultur.ruhr/>). Or the World Cultural Heritage Site Völklingen Ironworks (<https://www.voelklinger-huette.org/en/world-cultural-heritage-site-voelklingen-ironworks>). In the course of time, this idea has spread and the routes have joined together in the EUROPEAN ROUTE OF INDUSTRIAL HERITAGE (<https://www.erih.net>), supported by EU funds.

6. Existing policies related to Threet project features. Projects

Existing policies, programmes and strategies in Hessen which can be linked to the subjects and objectives of ThreeT are listed below:

Operational Programme of the State of Hessen ERDF 2014–2020

Most related to ThreeT is Axis 2 “**Increasing competitiveness of SME**” with investment priority 3d “Support the ability of SME to participate in growth in regional, national and international markets and initiate innovation processes”.

- Measure: “Investments in public tourism infrastructure including natural and cultural heritage”
- Beneficiaries: communities, counties, public organisations
- Financial resources: Axis 2 has a budget of 61,5 Mio Euros

Rural development plan of the State of Hessen 2014–2020 (European Agricultural Fund for Rural Development – EAFRD)

The EU’s rural development policy helps the rural areas of the EU to meet the wide range of economic, environmental and social challenges of the 21st century. Rural Development policy shares a number of objectives with other European Structural and Investment Funds (ESIF). The main objectives are: maintaining and improving the competitiveness of the agricultural, forestry and agri-food sectors, improvement of the environmental situation in sub-areas with problems and need for action, reducing regional disparities in rural areas with a focus on northern and central Hessen (for example regional and village development, LEADER).

LEADER

LEADER - English acronym of French «Liaison entre actions de développement de l'économie rurale» is a programme of measures adopted by the European Union to promote innovative rural development measures on a model basis since 1991. The aim is to support Europe's rural regions on their way to independent development. Due to its successful use as a so-called Community Initiative between 1991 and 2005, the LEADER approach has been included as an independent priority in the mainstream funding support since 2006.

There are seven LEADER-Regions in «Mittelhessen». Therefore all the rural areas of the Region Mittelhessen are covered by LEADER. This is a good and stable base concerning the funding of touristic and cultural heritage projects, but also for promoting voluntary engagement.

LiLa Living Lahn project (<https://www.lila-livinglahn.de/en/>)

The LIFE project "LiLa Living Lahn" is funded by the EU Commission with funds from the EU-LIFE program. This first integrated German LIFE project aims to enhance the ecological health and connectivity of the river itself while simultaneously enriching the quality of life along the river. By the project activities, an added value will be created for the region by developing synergies between environmental concerns (water ecology, flood protection and nature conservation) as well as recreational use (tourism, sport).

Broadband: In its Gigabit Strategy, the federal state of Hessen has stated that the establishment and expansion of high-speed networks with connections up to the buildings (Fibre to the Home or Building, FTTH/FTTB) will be accelerated by the end of 2025. Within this framework, the Hessian Ministry of Economics is promoting a broadband advisory centre for regional management in Central Hessen. It cooperates with the project team "Broadband in Hessen" of Hessen Trade and Invest GmbH (HTAI) and WI-Bank.

The task of the Broadband Advisory Office, in coordination with the Broadband Office in Wiesbaden, is to support Hessen's municipalities in connecting to the fast Internet. This includes, among others:

- provider- and technology-neutral initial consultation of municipalities and companies on the subject of broadband (also on site),
- support in the organisation of information events,
- support in the preparation of project outlines,
- supplier- and technology-neutral advice on the use of the relevant funding programmes.

There are also some important **strategy and policy papers** such as:

- "Sustainability in Hessen – Training and Action for our Future" (since 2016, ongoing): a sustainability strategy for Hessen was developed that involved all social groups. The aim is to secure a long-term perspective for the State of Hessen and to build a future characterized by a strong economic performance, respect and protection of our natural environment and social justice.
- «Tourism Policy Framework» (2015): The Hessian state government regards the Tourism Policy Framework as the central strategic basis for the further development of tourism in Hesse. It provides clear guidelines for efficient organisational and marketing structures at state, destination and local level in order to be able to operate competitively and competitively. In addition, it contains clear recommendations on the task description,

delimitation and cooperation of the levels in the tourism system and points out approaches for the further development of content.

- “Strategic Marketing Plan for Tourism in Hesse 2014–2018”: It is part of a coherent chain of milestones in the development of tourism in Hessen. The Strategic Marketing Plan was developed and coordinated in cooperation with the tourism stakeholders in the state, the tourism managers from the destinations and cities and the other representatives of the Tourism Marketing Advisory Board of HA Hessen Agentur GmbH.
- “Rural Tourism in Hessen – (Society) Trends implemented in an exemplary manner” (2018): Tourism gains increasingly important for rural regions. The Hessian state government supports this positive development. The support instruments for rural regional development have been designed to give financial support to the various partners in order to develop, implement and market future-oriented offers. The financial framework has been improved. In addition, many regions make use of the services of the LEADER Programmes for strategic realignment and profile building processes.

A closer look to the Operational Programme of the State of Hessen ERDF 2014–2020

a) What is the intension of the OR in Hessen?

Sustainable tourism is an important area for the creation and safeguarding of competitive permanent jobs in SMEs. Local and regional natural and cultural heritage should be activated for growth and employment. To this end, the establishment and expansion of public and industry-oriented infrastructure will be promoted. The aim is to improve the competitive conditions for SMEs through an attractive public tourism infrastructure. An important aspect is that the tourism is a cross-sectional industry and many different other economic sectors do benefit through tourism.

b) What are the objectives?

The OP provides the promotion of long-term viable leisure infrastructure facilities. The supraregional marketing measures are to be improved.

c) At what features is it aimed?

- Sustainable growth by improving infrastructure
- Long-term viable units
- Integration of projects into an overall concept, i. e. regional development or innovation strategy

d) What is satisfactory and challenging in your earmarked Policy?

- Development of a coherent overall concept

- Further development of a supra-regional marketing strategy (target groups, interests, cross-regional)

e) What is missing?

- Selection procedures for anchor projects involving relevant stakeholders in order to develop impulses for SMEs
- Linking different support options, e.g. support for sustainable mobility involving SMEs (design of link centres, bicycle rental centres etc.)

f) Which projects, completed recently, in our region or progress, are most relevant to Three T aims and content?

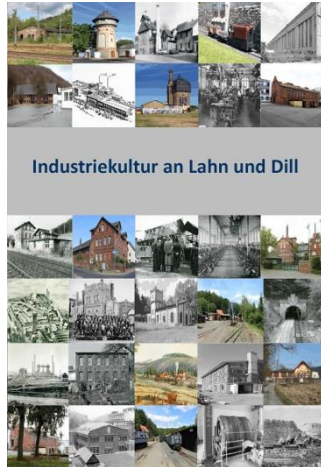
- Route of Industrial Heritage Mittelhessen (concept)
- Promotion of tourism in Hessen, projects including Pit Fortuna, Lahn Marble Museum in Villmar, Optikparcours in Wetzlar
- Cooperation with Route of Industrial Heritage in Nord- and Mittelhessen (e. g. activation of online presence)
- Cycle route planner Hessen (online, App)

Our objectives for ThreeT: Investigating measures and improving the governance in “Mittelhessen” regarding eco-friendly and innovative tourism

- Suitable criteria for the selection of projects with important development impulses for the region “Mittelhessen”.
- Suitable criteria for the selection of anchor points. Analysis of strength and weakness of these anchor points.
- Link the OP with other priority areas and funding options, such as linkage to sustainable mobility measures, e. g. E-mobility, eco-friendly competitiveness of sustainable tourism sector.
- New approaches to marketing within the region “Mittelhessen” – for example using the thematic trail as an economic opportunity to attract visitors.
- Identifying specific projects to be implemented by stakeholders to realize the Action Plan.

7. Stakeholders

Since 2013 the “Arbeitskreis Industriekultur Mittelhessen” (working group Industrial culture Mittelhessen) exists under the leadership of Prof. Dr. Otto Volk. Together with Prof. Dr. Michael Kleinschmidt he organized a seminar at the Philipps-University Marburg, in which the students designed the exhibition "Industrial culture along river Lahn and river Dill" as well as an accompanying book. In order to make sustainable and long lasting use of the information gained, Prof. Volk won the support of regional management to set up a working group. This working group consists of experts on the subject of industrial culture and has expanded and supplemented over the last years.



In 2017/2018, when the regional management received the commitments for the two EU projects on industrial culture (ThreeT and LEADER), it analyzed the compilation of the working group and supplemented it once again by inviting strategically important partners who had been missing so far.

We deliberately did not set up a separate stakeholder group for each EU project, but wanted to take the organically grown network and adapt it to the increased commitment and responsibility. It is therefore important to us that the representatives of the LEADER regions also participate in the INTERREG ThreeT process and that the co-founders of the LEADER project do not only contribute financially but also in terms of content.

List of Stakeholders of Regionalmanagement Mittelhessen GmbH						
Type of institution	Stakeholder group members	Way of mobilization and ongoing involvement				
		Member study group	involvement by events	consultation	experience exchange	co-funding
Policy authority	– Ministry of economics, energy, transport and housing (HMWEVW)	X	X	X	X	
Governmental representation (regional district, counties)	– RP Gießen	X	X	X	X	
	– Lahn-Dill-Kreis		X	X	X	X
	– Landkreis Gießen				X	X
	– Landkreis Limburg-Weilburg				X	
	– Landkreis Marburg-Biedenkopf	X	X	X	X	X
Cities	– Vogelsbergkreis	X	X	X	X	X
	– Stadt Limburg	X		X	X	X
	– Stadt Wetzlar	X	X	X	X	X
	– Universitätsstadt Gießen					X
	– Universitätsstadt Marburg		X	X	X	X

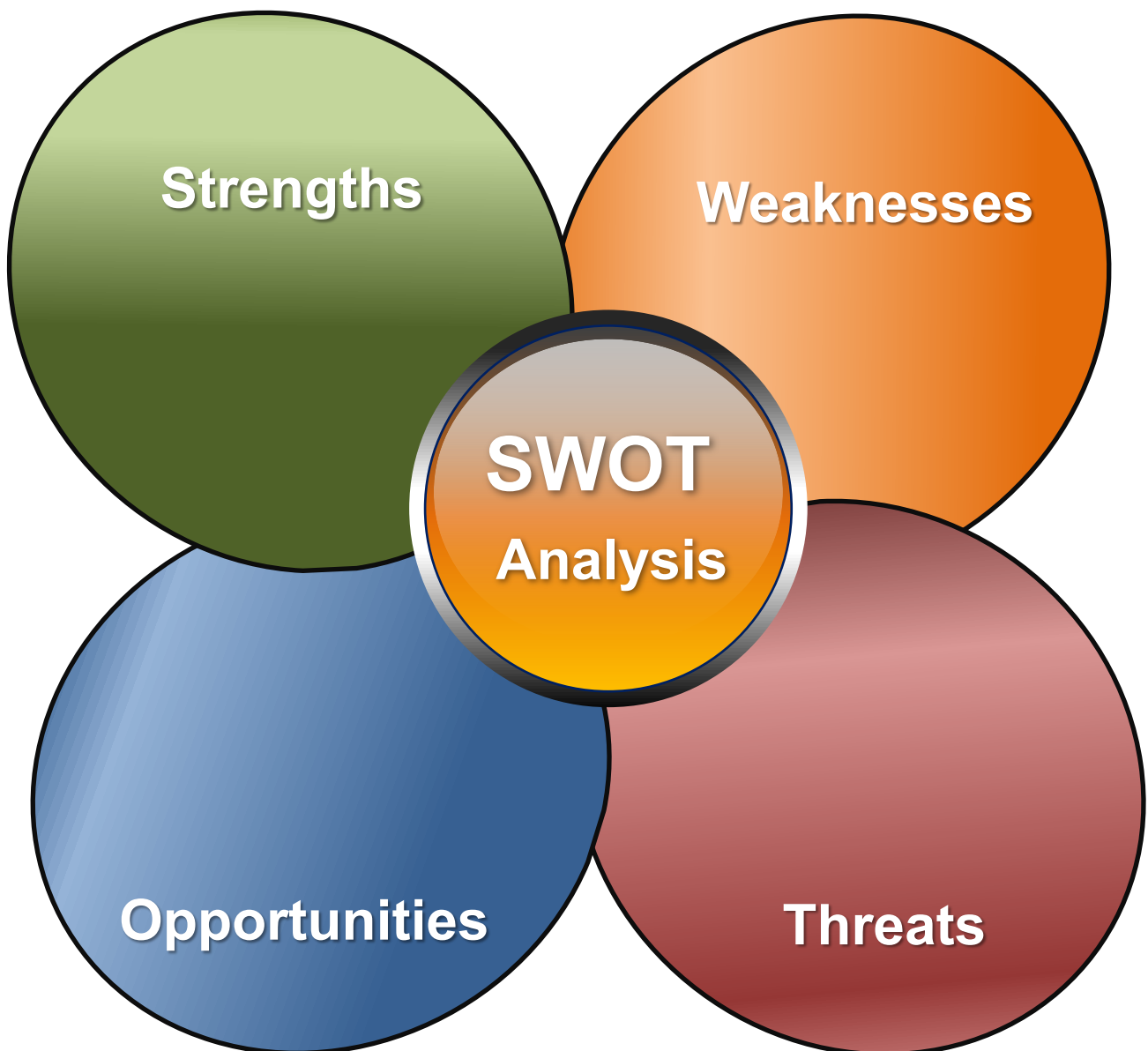


	– Stadt Limburg	X		X	X	X
--	-----------------	---	--	---	---	---

List of Stakeholders of Regionalmanagement Mittelhessen GmbH						
Type of institution	Stakeholder group members	Way of mobilization and ongoing involvement				
		Member study group	involvement by events	consultation	experience exchange	co-funding
Universities/centers of applied science	– Justus-Liebig-Universität Gießen	X	X	X	X	
	– Philipps-Universität Marburg	X	X	X	X	
	– Technische Hochschule Mittelhessen					
Touristic institutions	– «Das Lahntal»	X				
	– «Vogelsberg»	X				
	– «Westerwald»					
LEADER-Regions	– Burgwald-Ederbergland	X		X	X	
	– Lahn-Dill-Bergland	X		X	X	
	– Marburger Land	X		X	X	
	– Vogelsberg	X		X	X	
	– Lahn-Dill-Wetzlar	X		X	X	
	– Gießener Land	X		X	X	
	– Limburg-Weilburg	X		X	X	
Geoparks	– Westerwald Lahn Taunus	X	X	X	X	
	– Vogelsberg	X	X	X	X	
Chambers of industries	– Industrie- und Handels-kammer Gießen-Friedberg	X	X	X	X	X
	– Industrie- und Handels-kammer Kassel-Marburg	X	X	X	X	X
	– Industrie- und Handelskammer Lahn-Dill	X	X	X	X	X
	– Industrie- und Handelskammer Limburg		X	X		
Protection of historical monuments	– Monument Protection of the State of Hesse	X	X	X	X	
	– Monument Protection of the counties of Mittelhessen	X	X	X	X	
Associations	– Museum association of Hessen	X		X	X	
	– Hotel and catering association of Hessen	X		X	X	
Archives	– economic archive of Hesse	X	X	X	X	
	– municipal archives	X	X	X	X	
Companies	– Buderus	X	X	X	X	
	– Leica	X	X	X	X	
	– Stadtwerke Marburg	X	X	X	X	

List of Stakeholders of Regionalmanagement Mittelhessen GmbH						
Type of institution	Stakeholder group members	Way of mobilization and ongoing involvement				
		Member study group	involvement by events	consultation	experience exchange	co-funding
Groups and initiatives	– Kulturring Weickartshein	X	X	X	X	
	– Dillenburger Museumsverein e. V.	X	X	X	X	
Representatives of culture objects	– Grube Fortune	X	X	X	X	
	– Erzweg	X	X	X	X	
Planned to be involved	– ADFC - German Cycling Club	X		X	X	
	– RMV - Rhine-Main Transport Association	X		X	X	
	– other transport Associations					

8. S.W.O.T. Analysis



Strengths	Weaknesses
<p>General Description:</p> <ul style="list-style-type: none"> - central: with optimal market access through the central location - livable and family-friendly: with special cultural and leisure activities. - low mountain range: diverse and attractive (volcano Vogelsberg, rivers, lakes and valleys) - cities: interesting, picturesque and easy to reach 	<p>General Description:</p> <ul style="list-style-type: none"> - a not historically grown region - as a relatively young region barely perceived between south and north Hessen - many Students leave the region after completing their studies - no unique selling point - many organizations of the same type (due to history) for e. g. 4 Chambers of Industry and Commerce and three small destinations and therefore sometimes time-consuming work
<p>Economy and Labor Market:</p> <ul style="list-style-type: none"> - qualifying: with good educational infrastructure - competitive: with a high international competitiveness of the broadly diversified medium-sized industry - founder friendly: with a favorable climate for invention and innovation - high density and excellent variety in Science-Centers (Mathematikum, collaborative research centers, THM) 	<p>Economy and Labor Market:</p> <ul style="list-style-type: none"> - companies are sometimes not open up to the outside world in terms of being visited by the public
<p>Infrastructure and Mobility:</p> <ul style="list-style-type: none"> - quite good transport infrastructure in general - good traffic routes/links/axes (motorways) - regional train tracks are present and development in public transport by reopening train tracks in rural areas - ongoing broadband expansion 	<p>Infrastructure and Mobility:</p> <ul style="list-style-type: none"> - weak infrastructure in rural areas (transportation, broadband, wireless network) - reduction of the regional train traffic - transport connectivity often poor (crossing municipal or county borders)

Strengths	Weaknesses
<p>Tourism and Leisure:</p> <ul style="list-style-type: none"> - a new art and cultural brand was created (different offers in rural areas and in the cities) - historically institutions with supra-regional importance (bishop's seat, imperial city Wetzlar, ...) - the industrial change was well overcome (no breaks), transmission and diversity was created (e. g. mining and optic industry) - database with more than 300 objects - most of the larger museums are well positioned - use of the web „outdooractive“ (e. g. destination Lahntal) - some interesting and well done web applications with good information (e. g. canoe accessibility, Kurzeck-App) - nice long distance bike routes along train tracks (Lahn, Vogelsberg) - touristic transport options via trains and busses - the two destinations (Lahntal + Vogelsberg) are well known in the region - presence tourism service providers 	<p>Tourism and Leisure:</p> <ul style="list-style-type: none"> - only a few touristic offer packages - hidden and sometimes not easy to access industrial heritages (highlights) - administrative art-region, not grown and therefore only little visible (lack of state institutions) - overall deplorable conditions in the museum landscape (e. g. opening hours, excessive demands on the honorary office) - industrial objects are not yet fully identified (collection of best to be shown), joint and promoted - gaps in mobile communications (marketing disadvantage) - lag behind technical possibilities (aim: Alexa has to find it) - lack of integration into existing systems (variety of systems) - web presentations are often not good, e. g. municipal websites and museums - no all-encompassing compilation of links and web pages in tourism - old concept of the canoe accessibilities at river Lahn - sometimes poor accessibility of canoe pier/dock from train station - Gaps in equipment of destinations (infrastructure, staff) - low interest on the part of tourism service providers to improve quality, especially in rural areas (overnight stays, guided tours, gastronomy)

Strengths	Weaknesses
<p>Existing policies related to Threet project features.</p> <p>Projects:</p> <ul style="list-style-type: none"> - different possibilities of funding rural areas and tourism and culture 	<p>Existing policies related to Threet project features.</p> <p>Projects:</p> <ul style="list-style-type: none"> - co-funding is often difficult for small initiatives - requirements are partly complex
<p>Stakeholders:</p> <ul style="list-style-type: none"> - existing group which was expanded for ThreeT (structures were already there) - good mixture of institutions, policy and other interest groups 	<p>Stakeholders:</p> <ul style="list-style-type: none"> -

Opportunities

- The highest student/population rate in Germany leads to a high potential of skilled workers
- combining optic industry and tourism (e. g. Leica and Spilburg/Leitz-Park: high quality, international guest, exhibitions and events, multilingual, open production)
- people are interested in industrial heritage and culture (e. g. storytelling, contemporary witnesses)
- there is an overall interest in industrial heritage in Germany (e. g. Ruhrgebiet, Völklingen)
- people like to experience “production” (an experience with all one's senses)
- with the route of industrial heritage old and new will be united and made visible
- guiding the external demand for industrial culture, also beyond the administrative borders and to use the knowledge of how people move (across borders), to offer them a suitable offers (link to county/commune organizations)
- winning existing companies to opening up and presenting themselves
- a different concept for museums towards more openness and coordination among themselves
- make better use of existing digital opportunities
- integration in exciting systems, less systems but well organized
- to win and activate the tourism service providers with appropriate actions
- concentration/focusing on certain types of tourists in order to develop a strategy
- the network can develop through the ThreeT process and gain new members

Threats

- demographic change
- rural depopulation
- lose the digital connection within Europe
- operating touristic bus lines (with bike transportation) are often operate by municipalities and are voluntary public benefit which are vulnerable to cost cuts
- the former network which now was expanded to become the stakeholders in ThreeT has to change from a loose and informative group into a “working” group



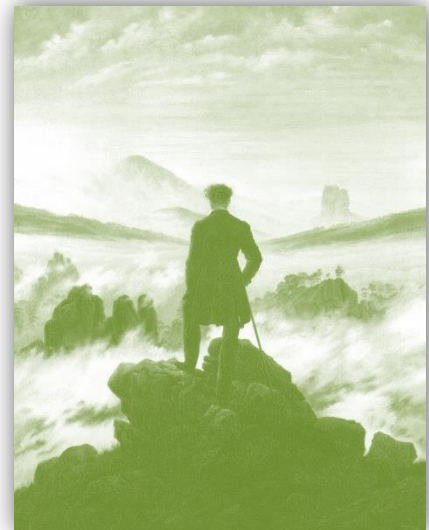
mittelhessen
Regionalmanagement GmbH

Three T
Interreg Europe



Report on Territorial context analysis (Appendix)

Partner 9
(Regionalmanagement Mittelhessen GmbH)



... a trail brought me here

Doc. 6A-TCA-P9 (Appendix)

(05.02.2019)

Table of contents

The template includes 8 suggested steps for executing the TCA.

Table of contents.....	38
1. General Description of «Mittelhessen» and its Demography.....	39
2. Economy and Labour Market.....	44
3. Environment and Climate Change.....	46
4. Infrastructure and Mobility.....	49
5. Tourism and Leisure	51

9. General Description of «Mittelhessen» and its Demography

Tab. 1 - Indicators

n.	Title	Unit of measure	Quantity	Source	To be provided by
1.1	land area by type: mountain a. forest b. hilly c. plain d. water-covered (by type: lake, river, ...)	ha	<p>On Nuts3 level:</p> <p><u>Gießen, Landkreis:</u> 85.456 Total 9.358 Urban 6.491 Traffic 68.496 Vegetation 1.111 Water covered</p> <p><u>Lahn-Dill-Kreis:</u> 106.630 Total 10.260 Urban 8.035 Traffic 87.080 Vegetation 1.255 Water covered</p> <p><u>Limburg-Weilburg:</u> 73.844 Total 7.400 Urban 5.797 Traffic 59.792 Vegetation 855 Water covered</p> <p><u>Marburg-Biedenkopf:</u> 126.237 Total 9.933 Urban 8.087 Traffic 106.858 Vegetation 1.360 Water covered</p> <p><u>Vogelsbergkreis:</u> 145.891 Total 6.859 Urban 8.570 Traffic 128.944 Vegetation 1.518 Water covered</p> <p>On Nuts2 level (Mittelhessen): 538.058 Total 43.810 Urban 36.980 Traffic 451.170 Vegetation 6.099 Water covered</p>	<p>https://statistik.hessen.de/sites/statistik.hessen.de/files/C12_j17.pdf</p> <p>Data from 2017</p>	PP



1.2	topographic diversity (geographic form and elevation variation)	various	<p>On Nuts2 level:</p> <ul style="list-style-type: none"> - Mountain and valley landscapes - Highest mountain: Taufstein (Vogelsbergkreis) with 773 m - between maritime and continental climate - annual precipitation between 600 and 1200 mm - Average temperature is moderate at 9 degrees celsius - Three important Rivers: Lahn, Dill, Ohm. - Watershed between Rhein and Weser (SO-NW) 	<p>Regionalmanagement Mittelhessen GmbH:</p> <p>Data from 2018</p>	PP
1.3	Population on 1 January by age group, sex and NUTS 3 region	n.	<p>On Nuts3 level:</p> <p><u>Gießen, Landkreis:</u> 265.699 Total 130.779 Male 134.920 Female 0-14 age $\hat{=}$ 12,90% 15-24 age $\hat{=}$ 13,80% 25-49 age $\hat{=}$ 33,10% 50-64 age $\hat{=}$ 21,20% Over 65 age $\hat{=}$ 19,10%</p> <p><u>Lahn-Dill-Kreis:</u> 254.074 Total 125.288 Male 128.786 Female 0-14 age $\hat{=}$ 13,40% 15-24 age $\hat{=}$ 11,20% 25-49 age $\hat{=}$ 30,70% 50-64 age $\hat{=}$ 23,10% Over 65 age $\hat{=}$ 21,70%</p> <p><u>Limburg-Weilburg:</u> 172.120 Total 85.537 Male 86.583 Female 0-14 age $\hat{=}$ 13,50% 15-24 age $\hat{=}$ 11,20% 25-49 age $\hat{=}$ 30,80% 50-64 age $\hat{=}$ 23,70% Over 65 age $\hat{=}$ 20,90%</p> <p><u>Marburg-Biedenkopf:</u> 245.013 Total 120.651 Male 124.362 Female 0-14 age $\hat{=}$ 13,10%</p>	<p>Eurostat:</p> <p>Data from 2017</p>	Lead Partner



			<p>15-24 age $\hat{=}$ 13,80% 25-49 age $\hat{=}$ 32,80% 50-64 age $\hat{=}$ 21,50% Over 65 age $\hat{=}$ 19,40%</p> <p><u>Vogelsbergkreis:</u> 106.737 Total 53.438 Male 53.299 Female</p> <p>0-14 age $\hat{=}$ 12,10% 15-24 age $\hat{=}$ 10,40% 25-49 age $\hat{=}$ 28,60% 50-64 age $\hat{=}$ 25,20% Over 65 age $\hat{=}$ 23,60%</p> <p>On Nuts2 level: 1.043.643 Total 515.693 Men 527.950 Female</p> <p>0-14 age $\hat{=}$ 13,08% 15-24 age $\hat{=}$ 12,37% 25-49 age $\hat{=}$ 31,47% 50-64 age $\hat{=}$ 22,54% Over 65 age $\hat{=}$ 20,52%</p>		
1.4	Population: Structure indicators by NUTS 3 region	Median age of the population	<p>On Nuts3 level: <u>Gießen, Landkreis:</u> 42,4 <u>Lahn-Dill-Kreis:</u> 46,6 <u>Limburg-Weilburg:</u> 46,5 <u>Marburg-Biedenkopf:</u> 43,2 <u>Vogelsbergkreis:</u> 49,2</p> <p>On Nuts2 level: 45,3</p>	<p>Eurostat: https://ec.europa.eu/eurostat/web/products-datasets/product?code=demo_r_pjanind3 Data from 2017</p>	Lead Partner
1.5	Demographic balance and crude rates at regional level	n.	<p>On Nuts3 level: <u>Gießen, Landkreis:</u> 12,1 <u>Lahn-Dill-Kreis:</u> 3,6 <u>Limburg-Weilburg:</u> 1,2 <u>Marburg-Biedenkopf:</u> -0,9 <u>Vogelsbergkreis:</u> -4,9</p> <p>On Nuts2 level: 3,4</p>	<p>Eurostat: https://ec.europa.eu/eurostat/en/web/products-datasets/-/DEMO_R_GIND3 Data from 2017 Calculation for 2016</p>	Lead Partner
1.6	Conventional dwellings by	n.	<p>On Nuts3 level: <u>Gießen, Landkreis:</u></p>	<p>Eurostat:</p>	Lead Partner



	occupancy status, type of building and NUTS 3		<p>124.514 Dwellings 113.859 Occupied 10.665 Unoccupied <u>Lahn-Dill-Kreis:</u> 117.033 Dwellings 107.672 Occupied 9.361 Unoccupied <u>Limburg-Weilburg:</u> 79.702 Dwellings 72.042 Occupied 7.660 Unoccupied <u>Marburg-Biedenkopf:</u> 113.953 Dwellings 104.664 Occupied 9.289 Unoccupied <u>Vogelsbergkreis:</u> 50.985 Dwellings 44.904 Occupied 6.081 Unoccupied <u>On Nuts2 level:</u> 486.187 Dwellings 443.141 Occupied 43.046 Unoccupied</p>	<p>https://ec.europa.eu/eurostat/web/products-datasets/-/cens_11dwob_r3 Data for 2011</p>	
1.7	Population density	hab/sq. km	<p><u>On Nuts3 level:</u> <u>Gießen, Landkreis:</u> 305,50 <u>Lahn-Dill-Kreis:</u> 236,70 <u>Limburg-Weilburg:</u> 231,90 <u>Marburg-Biedenkopf:</u> 192,70 <u>Vogelsbergkreis:</u> 73,00 <u>On Nuts2 level:</u> 193,8</p>	<p>Eurostat: Data from 2017</p>	<p>Lead Partner</p>
1.8	Municipalities	n.	<p><u>On Nuts3 level:</u> <u>Gießen, Landkreis:</u> 18 <u>Lahn-Dill-Kreis:</u> 23 <u>Limburg-Weilburg:</u> 19 <u>Marburg-Biedenkopf:</u> 22 <u>Vogelsbergkreis:</u> 19 <u>On Nuts2 level:</u> 101</p>	<p>Hessisches Statistisches Landesamt: Data from 2017</p>	<p>PP</p>



1.9	Population in urban areas/total	%	<p>On Nuts3 level:</p> <p><u>Gießen, Landkreis:</u> 84.677/265.699 $\hat{=}$ 31,86%</p> <p><u>Lahn-Dill-Kreis:</u> 53.672/254.074 $\hat{=}$ 21,11%</p> <p><u>Limburg-Weilburg:</u> 0</p> <p><u>Marburg-Biedenkopf:</u> 76.226/245.013 $\hat{=}$ 31,11%</p> <p><u>Vogelsbergkreis:</u> 0</p> <p>On Nuts2 level: 214.575/1.043.643 $\hat{=}$ 20,56%</p> <p>Functional Urban Area defined as Cities with a higher population than 50.000</p>	<p>Eurostat:</p> <p>http://appsso.eu-rostat.ec.europa.eu/nui/show.do?dataset=urb_lpo_p1&lang=en</p> <p>Data from 2017</p>	PP
1.10	Rural centers (municipalities in rural areas)	n.	<p>On Nuts3 level:</p> <p><u>Gießen, Landkreis:</u> 7</p> <p><u>Lahn-Dill-Kreis:</u> 12</p> <p><u>Limburg-Weilburg:</u> 14</p> <p><u>Marburg-Biedenkopf:</u> 19</p> <p><u>Vogelsbergkreis:</u> 19</p> <p>On Nuts2 level: 71</p>	<p>Wikipedia:</p> <p>https://landesplanung.hessen.de/sites/landesplanung.hessen.de/files/content-downloads/Der_Landesentwicklungsplan_2000.pdf</p> <p>Data from 2018</p>	PP
1.11	<i>pls add...</i>				



10. Economy and Labour Market

n.	Title	Unit of measure	Quantity	Source	To be provided by
2.1	Gross domestic product (GDP) at current market prices by NUTS 3 regions	National currency GDP (Million Euro)	On Nuts3 level: <u>Gießen, Landkreis:</u> 8.708 <u>Lahn-Dill-Kreis:</u> 8.161 <u>Limburg-Weilburg:</u> 4.742 <u>Marburg-Biedenkopf:</u> 8.348 <u>Vogelsbergkreis:</u> 2.694 On Nuts2 level: 32.653	Eurostat Data from 2016	Lead Partner
2.2	Gross value added at basic prices by NUTS 3 regions	National currency (In Million Euro)	On Nuts3 level: <u>Gießen, Landkreis:</u> 7.809,90 <u>Lahn-Dill-Kreis:</u> 7.319,22 <u>Limburg-Weilburg:</u> 4.253,04 <u>Marburg-Biedenkopf:</u> 7.486,13 <u>Vogelsbergkreis:</u> 2.415,78 On Nuts2 level: 29.284,08	Eurostat Data from 2016	Lead Partner
2.3	Employment (thousand persons) by NUTS 3 regions	n. (in thousand persons)	On Nuts3 level: <u>Gießen, Landkreis:</u> 134,60 <u>Lahn-Dill-Kreis:</u> 125,12 <u>Limburg-Weilburg:</u> 76,05 <u>Marburg-Biedenkopf:</u> 127,05 <u>Vogelsbergkreis:</u> 46,23 On Nuts2 level: 509,05	Eurostat Data from 2015	Lead Partner
2.4	Dispersion of regional employment rates	n. or %	On Nuts2 level: 3,6%	Eurostat: https://ec.europa.eu/	Lead Partner



	of age group 15-64 by NUTS 3 regions			eurostat/web/products-datasets/-/lfst_r_lmdr Data from 2017	
2.5	Dispersion of regional unemployment rates by NUTS 3 regions	n. or %	On Nuts2 level: 32,0%	Eurostat: http://appsso.eurostat.ec.europa.eu/nui/submitViewTableAction.do Data from 2017	Lead Partner
2.6	Business demography and high growth enterprise by NACE Rev. 2 and NUTS 3 regions	n.	No data found/available	Eurostat	Lead Partner
2.7	Business demography by size class and NUTS 3 regions	n.	No data found/available	Eurostat	Lead Partner
2.8	Employer business demography by NACE Rev. 2 and NUTS 3 regions	n.	No data found/available	Eurostat	Lead Partner
2.9	Employer business demography by size class and NUTS 3 regions	n.	No data found/available	Eurostat	Lead Partner
2.10	Employer business demography by size class and NUTS 3 regions	n.	No data found/available	Eurostat	Lead Partner
2.11	<i>pls add...</i>				

11. Environment and Climate Change

Table 3 – Indicators

n.	Title	Unit of measure	Quantity	Source	To be provided by
3.1	Land and marine protected areas (by category)	ha	On Nuts3 level: <u>Gießen, Landkreis:</u> 918,09 <u>Lahn-Dill-Kreis:</u> 1423,91 <u>Limburg-Weilburg:</u> 673,65 <u>Marburg-Biedenkopf:</u> 1033,02 <u>Vogelsbergkreis:</u> 1673,1 On Nuts2 level: 5.721,77 Including all protected areas like FFH or bird protection areas	Natureg & Eunis Data from 2014	PP
3.2 & 3.3	Wildlife (biodiversity) & Flora (Biodiversity)	n.	On Nuts1 level: 259 species groups 32 endangered species according to "Rote Liste HE" category 1	https://biologischevielfalt.hessen.de Data from 2015	PP
3.4	Maximum, minimum and mean temperature (by month)	C.	On Nuts3 level: <u>Gießen, Landkreis:</u> 18/11: 14 max/-3 min/5,6 mean 18/10: 23/0/10,6 18/09: 27/4/14,8 18/08: 32/8/20,5 18/07: 31/10/21,2 18/06: 27/7/18,2 18/05: 26/3/16,4 18/04: 28/0/12,8 18/03: 11/-13/3,4 18/02: 3/-14/-1,4 18/01: 8/-2/4,5 17/12: 9/-4/3,2 <u>Lahn-Dill-Kreis:</u> 18/11: 14/-3/5 18/10: 23/0/11 18/09: 27/4/15 18/08: 32/8/20 18/07: 31/10/22 18/06: 27/7/17	Time and Date: https://www.timeanddate.de Data from 2018	PP



			<p>18/05: 26/3/16 18/04: 28/0/12 18/03: 11/-13/2 18/02: 3/-14/-3 18/01: 8/-2/3 17/12: 9/-4/1 <u>Limburg-Weilburg:</u> 18/11: 14/-3/5 18/10: 23/0/11 18/09: 27/4/15 18/08: 32/8/20 18/07: 31/10/22 18/06: 27/7/17 18/05: 26/3/16 18/04: 28/0/12 18/03: 11/-13/2 18/02: 3/-14/-3 18/01: 8/-2/3 17/12: 9/-4/1 <u>Marburg-Biedenkopf:</u> 18/11: 14/-3/5 18/10: 23/0/11 18/09: 27/4/15 18/08: 32/8/20 18/07: 31/10/22 18/06: 27/7/17 18/05: 26/3/16 18/04: 28/0/12 18/03: 11/-13/2 18/02: 3/-14/-3 18/01: 8/-2/3 17/12: 9/-4/1 <u>Vogelsbergkreis:</u> 18/11: 17/-4/5 18/10: 26/0/10 18/09: 29/0/15 18/08: 35/3/20 18/07: 34/8/21 18/06: 29/7/18 18/05: 30/0/16 18/04: 26/-3/11 18/03: 16/-10/3 18/02: 6/-15/-2 18/01: 11/-2/4 17/12: 12/-4/3</p>	
--	--	--	---	--



3.4	Variation of exceptional climatic adverse events against previous year	% (or n.)	On Nuts2 level: Linear Trends: - 5% more precipitation in the past 50 years - 1,3 degrees higher mean temperature in the past 50 years	www.hlnug.de Data from 2010	PP
3.4	Incidence of renewable energy on total energy production	%	On Nuts1 level: 39,3% Share of renewable energy on total energy production	www.energieland.hessen.de Data from 2015	PP
3.5	<i>pls add...</i>				

12. Infrastructure and Mobility

Table 4 - Indicators

n.	Title	Unit of measure	Quantity	Source	To be provided by
4.1	Transport infrastructure (by type and length)	Km, n.	<p>On Nuts3 level:</p> <p><u>Gießen, Landkreis:</u> 2.662 Route Total km 202 Rail km 196 Motorway km 168 Footway km 20 Metro station number</p> <p><u>Lahn-Dill-Kreis:</u> 3.111 Route Total km 206 Rail km 137 Motorway km 153 Footway km 24 Metro station number</p> <p><u>Limburg-Weilburg:</u> 2.078 Route Total km 256 Rail km 67 Motorway km 101 Footway km 27 Metro station number</p> <p><u>Marburg-Biedenkopf:</u> 3.169 Route Total km 196 Rail km 0 Motorway km 149 Footway km 24 Metro station number</p> <p><u>Vogelsbergkreis:</u> 2.621 Route Total km 95 Rail km 93 Motorway km 66 Footway km 8 Metro station number</p> <p>On Nuts2 level: 13.641 Route Total km 955 Rail km 493 Motorway km 639 Footway km 103 Metro station</p>	OpenStreetMap	Lead Partner



			number		
4.2	Modal split of passenger transport	%	On Nuts1 level: 24 walking 8 cycling 57 private motor vehicle 11 public transport	infas_Mobilitaet_in_Deutschland_2017_Kurzreport_DS Data from 2017	PP
4.3	Existing trails (type, length, conditions, ...) <i>[each partner to insert]</i>	km	On Nuts1 level: 1935 km bike path 12,5 % of the road network	https://statistik.hessen.de/sites/statistik.hessen.de/files/Hessen_nachhaltig_2016.pdf Data from 2015	PP
4.4	Transport-related accidents (by mode of transport, other characteristics)	n. (per year)	On Nuts1 level: 21.120 accidents 202 deaths 3963 seriously injured 16955 slightly injured	https://statistik.hessen.de/sites/statistik.hessen.de/files/T_Str_verkehrsunf_90_17.jpg Data from 2017	PP
4.5	Percentage of population riding a bike	%	On Nuts1 level: 18 daily 17 1 to 3 times a week 14 1 to 3 times a month 14 less than monthly 37 never, almost never	infas_Mobilitaet_in_Deutschland_2017_Kurzreport_DS Data from 2017	PP
4.6	Transport performance of regular service/line/traffic (bus, metro, train)	1000 personskm persons	On Nuts1 level 38.639.524 transport performance in thousand persons km per year 2.045.349 passengers in thousands = (more than 2 billion passengers per year)	https://statistik.hessen.de/sites/statistik.hessen.de/files/T_PV_S_4vj_2017.gif Date from 2017	

13. Tourism and Leisure

Table 5 - Indicators

n.	Title	Unit of measure	Quantity	Source	To be provided by
5.1	Number of establishments, bedrooms and bed-places by NUTS 3 regions	n.	On Nuts3 level: Gießen, Landkreis: 107 Establishments 1.670 Bed rooms 5.760 Bed places Lahn-Dill-Kreis: 91 Establishments 1.249 Bed rooms 4.924 Bed places Limburg-Weilburg: 86 Establishments 1.265 Bed rooms 5.634 Bed places Marburg-Biedenkopf: 113 Establishments 1.551 Bed rooms 6.808 Bed places Vogelsbergkreis: 112 Establishments 1.128 Bed rooms 6.982 Bed places On Nuts2 level: 509 Establishments 6.863 Bed rooms 30.108 Bed places	Eurostat Data from 2010	Lead Partner
5.2	Nights spent in tourist accommodation	n.	On Nuts3 level: Gießen, Landkreis: 486.529 nights spent in tourist accommodation Lahn-Dill-Kreis: 505.610 Limburg-Weilburg: 556.604 Marburg-Biedenkopf: 687.453 Vogelsbergkreis: 538.738 In Total on Nuts2 level: 2.774.934	https://statistik.hessen.de/sites/statistik.hessen.de/files/GIV1m_17-12.pdf Data from 2017	PP



5.3	Endowment of cultural and natural heritage of tourist interest (<i>pls list and specify by category</i>)	n.	<p>On Nuts3 level: Gießen, Landkreis: 38 castles 16 museums 3 Cinemas Lahn-Dill-Kreis: 26 castles 22 museums 16 attractions 1 Cinema Nature park "Lahn-Dill-Bergland", Geopark Westerwald-Lahn-Taunus Limburg-Weilburg: 25 castles 10 museums 20 attractions 1 Cinema Marburg-Biedenkopf: 70 castles 13 museums 15 attractions 2 Cinemas Vogelsbergkreis: 9 museums 34 castles Nature park "Hoher Vogelsberg", Geopark Vulkanregion Vogelsberg On Nuts2: - UNESCO World Heritage "Limes" - over 300 protected heritage monuments</p>	<p>https://de.wikipedia.org/wiki/Liste_von_Burgen_und_Schl%C3%B6ssern_in_Hessen</p> <p>https://museen-in-hessen.de</p>	PP
5.4	Area of regenerated open spaces and regenerated public buildings	sq. m.	<p>NUTS 2 level Garden land 1160 ha Outdoor pool /swimming pool 131 ha Green area 260 ha Camping ground 146 ha Golf course 520 ha Sports grounds 2199 ha</p>	<p>ATKIS, Regierungspräsidium Gießen, 2018</p>	PP
5.5	Tourist visits (year) and other information of tourist value	n.	<p>On Nuts3 level: Gießen, Landkreis: 248.521 Lahn-Dill-Kreis: 235.269</p>	<p>https://statistik.hessen.de/sites/statistik.hessen.de/files/GIV1m_17-12.pdf</p> <p>Data from 2017</p>	PP



			Limburg-Weilburg: 219.611 Marburg-Biedenkopf: 281.871 Vogelsbergkreis: 216.087 On Nuts2 level: 1.201.359		
5.6	Duration of the period favorable to green mobility	n. of months / year	6	Source: RMG	PP
5.7	Tourist who go hiking	n/year	No data found/available		PP
5.8	Other activities tourists carry out while staying in the region (by type and %)	%	Cycling Canoeing Sightseeing Wellness	Source: RMG	PP
5.9	Availability of a visitor card (if yes, number of cards issued per year)	n.	0, no visitor card available	Source: RMG	PP
5.10	<i>pls add...</i>				