

WIKIPEDIA WEEKEND TIRANA 2016

WIKIDATA – INTRODUCTION

WHY WE NEED IT, HOW WE USE IT



USERNAME ALBINFO

LARS HAEFNER

WHO IS LARS?

- ▶ Home: Zurich, Switzerland
- ▶ Profession: PR specialist
- ▶ Hobby 1: Wikipedia
 - 40'000 edits in German WP
 - 1250+ images uploaded
 - top 450 editors of German WP
- ▶ Hobby 2: Albania
 - 30+ trips to Albania since 1994
 - writing about Albania
 - running www.albanien.ch
 - president of Swiss-Albanian Society

- not an expert for Semantic Web
- not an expert for SPARQL



AGENDA

- ▶ Wikidata - introduction
- ▶ Usage of Wikidata
 - ▶ Wikipedia
 - ▶ Tools
 - ▶ Queries
- ▶ How-to manual
 - ▶ Practical training



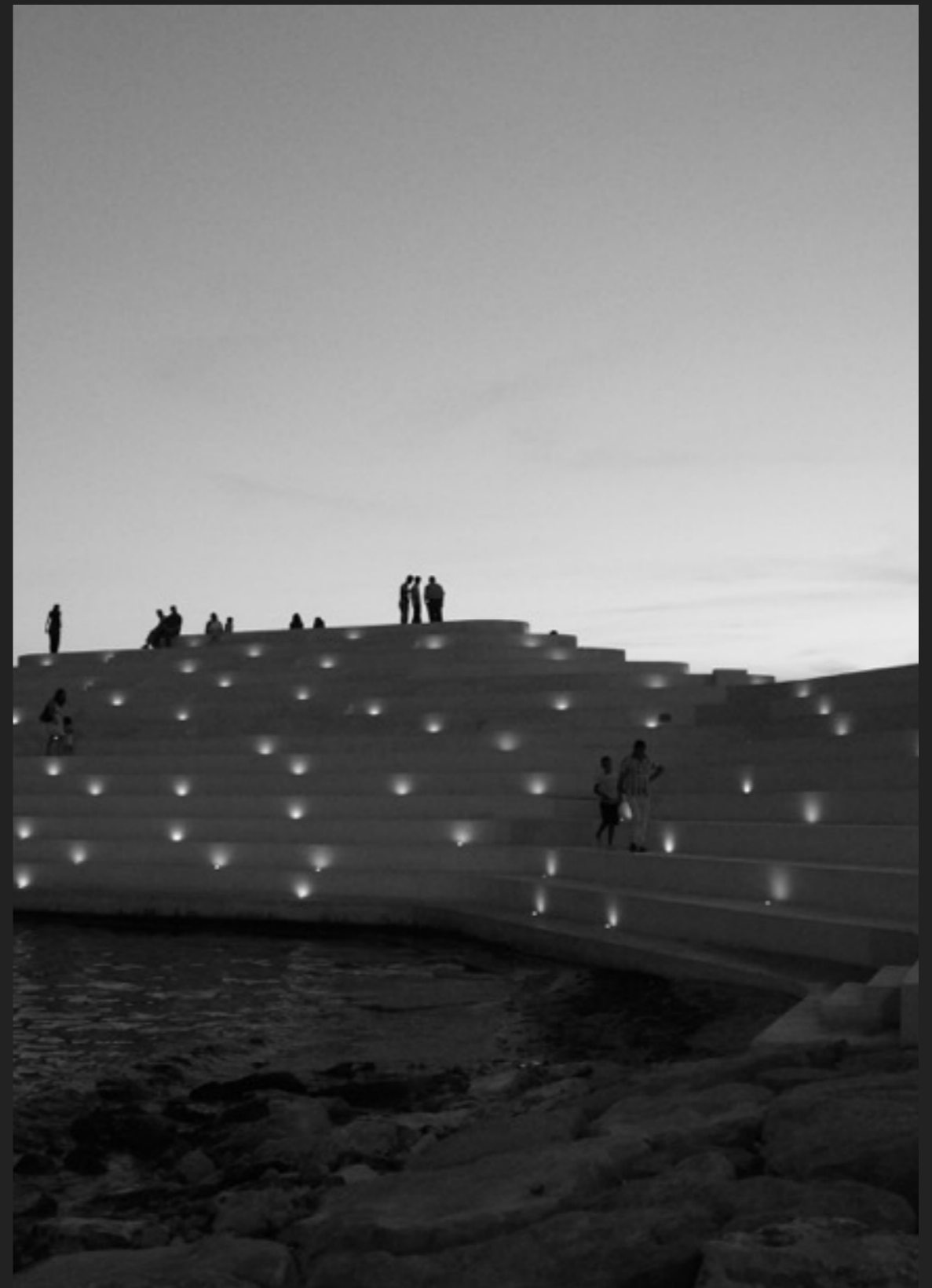


WIKIDATA

INTRODUCTION

WIKIDATA – HISTORY

- ▶ launched 2012
- ▶ maintained by Wikimedia Deutschland
- ▶ funded by „Allen Institute for Artificial Intelligence“, „Gordon and Betty Moore Foundation“, Google and Yandex
- ▶ Google stopped Freebase in favor of Wikidata



DATABASE OF WORLD'S KNOWLEDGE

- ▶ **Wikipedia**

World's knowledge in form of an encyclopedia with edited articles for humans



- ▶ **Wikidata**

World's knowledge in form of a database with structured data for „computers“



WIKIDATA – FAST FACTS

- ▶ sister project of Wikipedia
- ▶ structured data
- ▶ anyone can edit
- ▶ 24,5 millions data items
- ▶ multilingual
- ▶ CC0 license

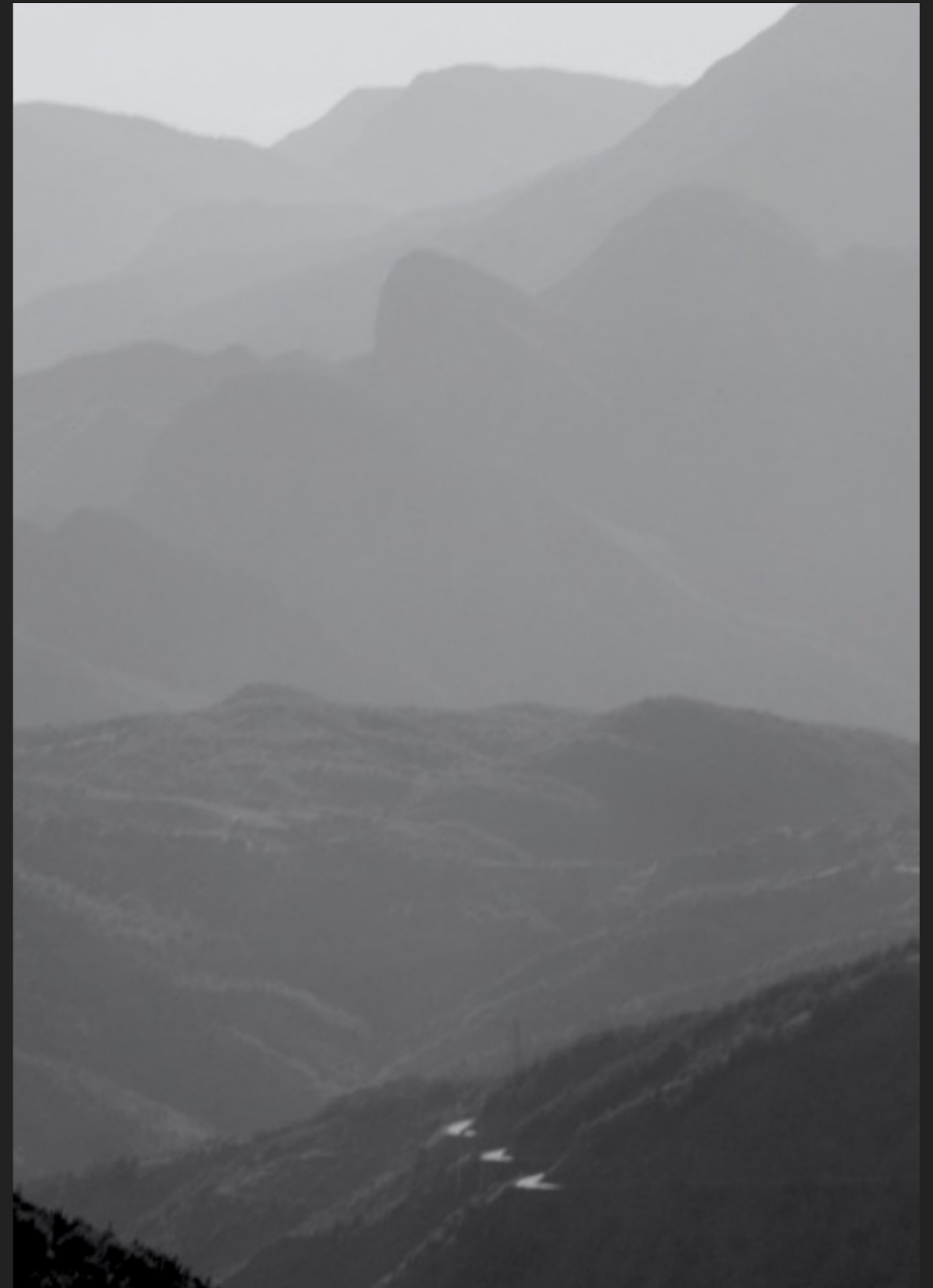


IMAGE: SANDRA FAUCONNIER CCO

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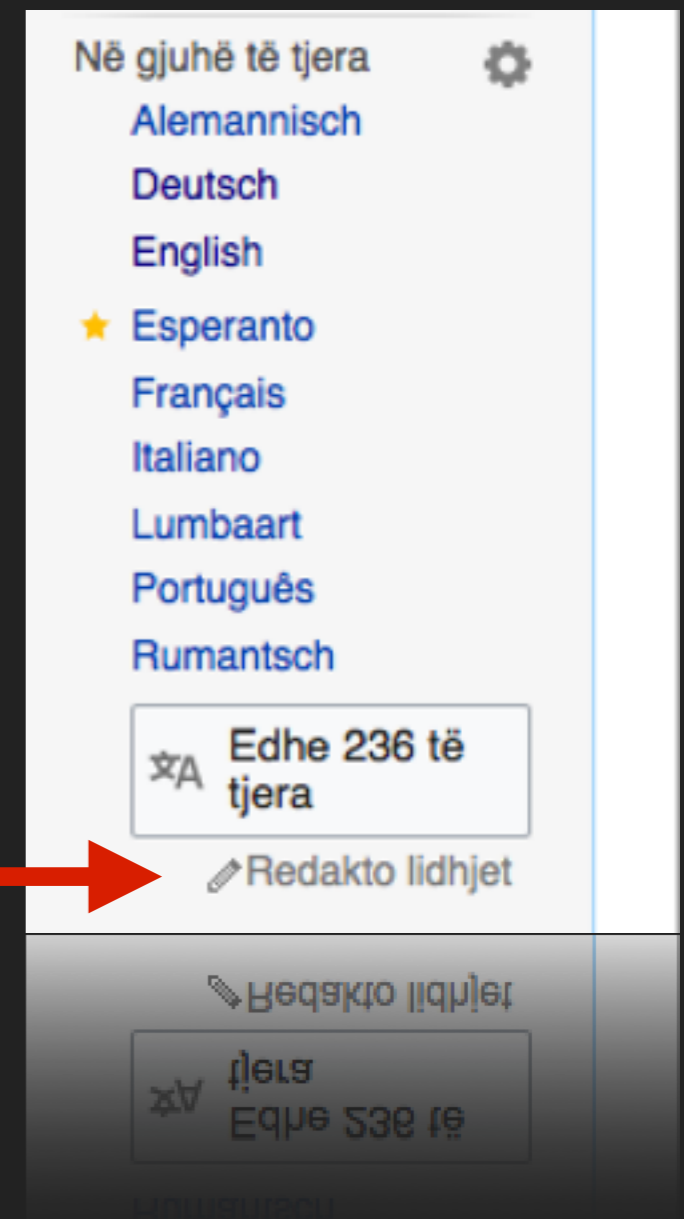
DATA USAGE

- ▶ anybody can use for free
- ▶ usage in Wikipedia
- ▶ tools
- ▶ self-made queries



WIKIDATA – WIKIPEDIA CONNECTION

- ▶ Phase 1: centralized interwiki links (also other Wikimedia projects, 2013)
- ▶ Phase 2: import of Wikidata data (info boxes; in theory implemented since 2013/14)
- ▶ Phase 3: Enable inline queries in Wikipedia (lists; pending project)



DATA IMPORT (PHASE 2): ONE SOURCE, ALWAYS UP TO DATE

- ▶ my opinion: the future (partially implemented)
- ▶ no need to update every soccer game result or new mayor in every language
- ▶ complements data when available on Wikidata

The screenshot shows a Wikipedia article for the South Pole Telescope. The article text is partially visible, including the title, a brief description, and a table of contents. A red box highlights a Wikidata data table on the right side of the page, which contains key information about the telescope. The text 'All from Wikidata!' is written in red next to the table. The table includes fields for location, coordinates, altitude, build date, first light, diameter, and website. A small image of the telescope is also visible in the background.

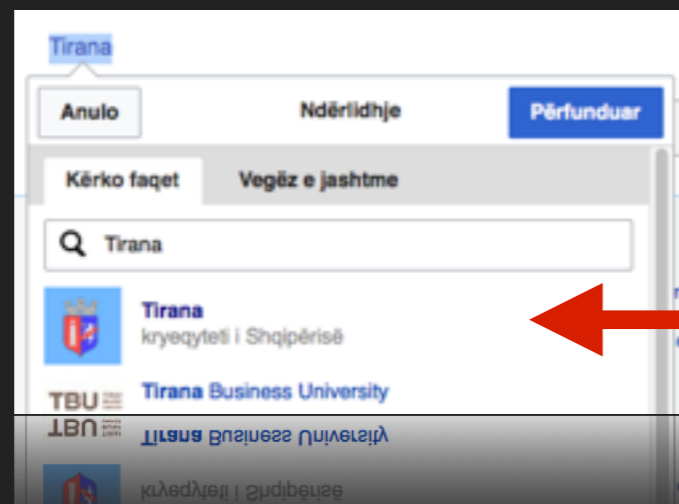
South Pole Telescope	
Location(s)	Amundsen–Scott South Pole Station, Antarctic Treaty area[?]
Coordinates	90°S 0°E﻿ / ﻿90°S 0°E﻿ / -90; 0
Altitude	2.8±0.1 kilometre
Built	November 2006–February 2007
First light	16 February 2007
Telescope style	Gregorian telescope
Diameter	10.0±0.1 metre
Collecting area	78.5±0.1 square metre
Website	pole.uchicago.edu

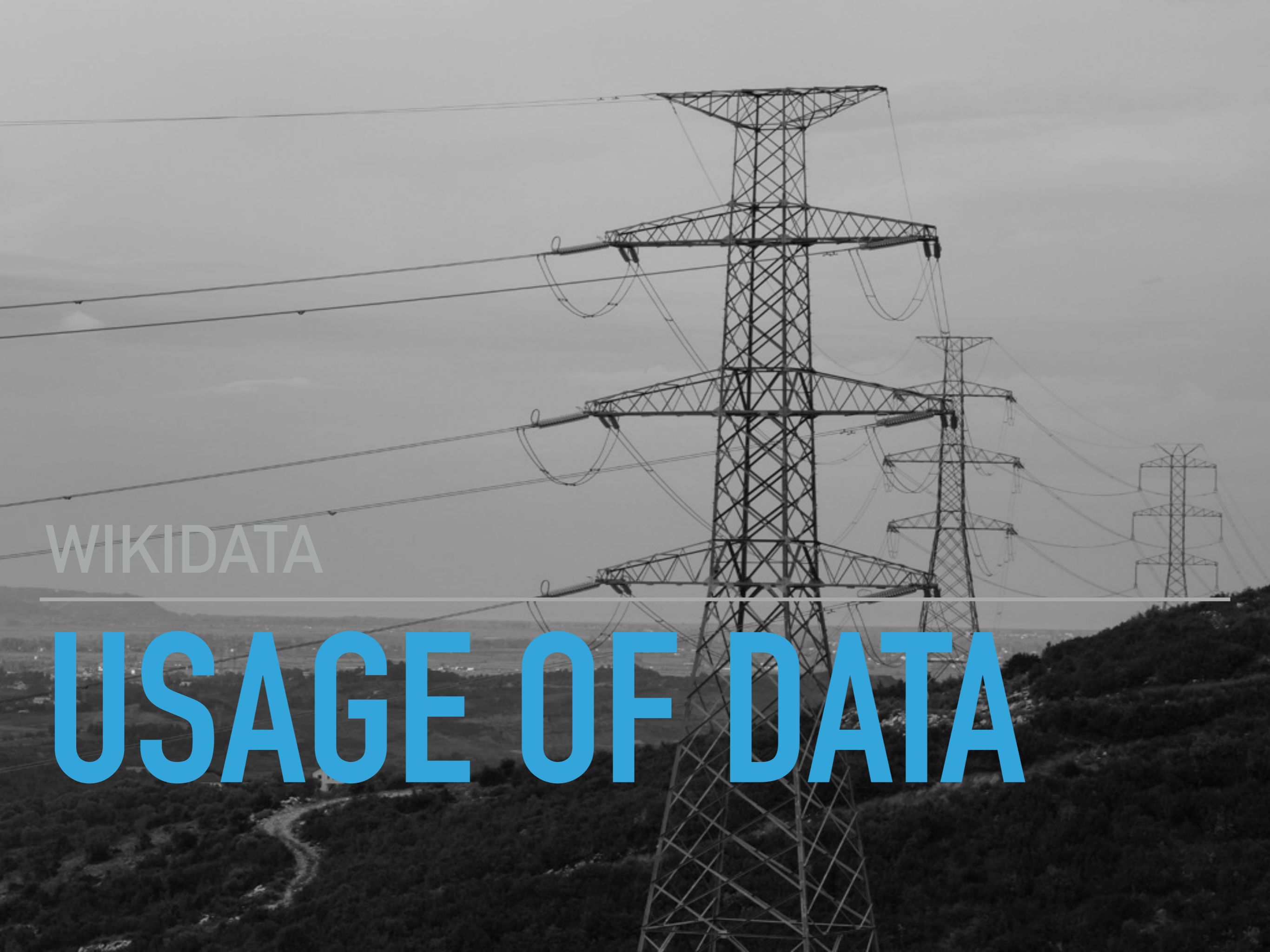
**EACH NEW ARTICLE SHOULD
ALSO BE ADDED TO WIKIDATA**

important!

ADVANTAGES

- ▶ structured data
- ▶ managing interwiki links
- ▶ helps Wikipedia editing
- ▶ reduces risk of duplicate entries
- ▶ consistent data in all projects
- ▶ future usage in Wikipedia





WIKIDATA

USAGE OF DATA

Guglielmo di Wied (Q57594)

Príncipe William da Albânia | Príncipe Guilherme da Albânia | Wilhelm von Wied | Wilhelm, Prinç al Albaniei | Guillem de Wied | Wilhelm zu Wied | Friedrich Wilhelm zu Wied | Wilhelm Friedrich Heinrich Prinz zu Wied | Wilhelm I. von Albanien | Wied, Wilhelm Friedrich Heinrich Prinz zu | Wilhelm Friedrich Heinrich zu Wied | William z Wiedu | Wilhelm Friedrich Heinrich | Vilém Wied | Wilhelm Friedrich Heinrich Wied | Vilém z Wiedu | Mbreti Vidi | Vilhelm Vidi | Βίντι της Αλβανίας | Γουλιέλμος ντε Βιεντ | Wilhelm of Wied | Vilijam od Vida | Wilhelm van Wied | Willem van Wied | Wilhelm Friedrich Heinrich von Wied | Vidi I | Skanderbeg II

militare e politico tedesco

maschio politico da Germania

Parenti



Genitori

padre Guglielmo di Wied

Fratelli

fratello Guglielmo Federico di Wied

madre Maria d'Orange-Nassau

Figli

figli Carol Victor, Hereditary Prince of Albania

Sofia di Schleswig-Waldenburg

Guarda l'albero genealogico completo: [inline](#)/[nuova pagina](#)

Altre proprietà



religione protestantesimo forma di Cristianesimo



Fonti esterne

BnF

Freebase

GND

ISNI

LCAuth

National Thesaur

Author Names

NNDB people

SUDOC author

TOOLS.WMFLABS.ORG/REASONATOR

REASONATOR



Top 20 Timelines

Start searching for your topic...



Compact



Save



HISTROPEIDIA.COM

HISTROPEIDIA



Wikipedia

Share Timeline



Ask me anything alpha version

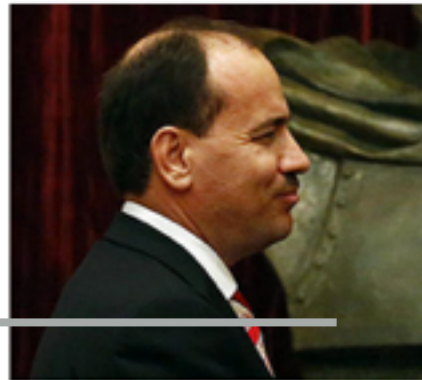
Result

Show internal results

Bujar Nishani

Bujar Falk Nishani (born 29 September 1966; Albanian pronunciation: [buˈjaɾ niˈʃani]) is an Albanian politician, the sixth and current President of Albania since July 2012. At the time of his election, Nishani was a member of the Democratic Party of Albania, an MP and the Minister of Interior. Constitutionally he had to resign all three posts due to his election as president.

[Wikipedia](#)



PLATYPUS

The quer... is the res... of the Minister's de... project of s... on... den...
If you are interested by some technical aspects, please have a look at the project website.

WIKIDATA QUERIES

- ▶ query.wikidata.org
search database with SPARQL – use > Help > Examples
- ▶ much more tools
- ▶ your own queries
 - example 1: list of cultural heritage in Kosova
 - example 2: map of cultural heritage in Kosova
 - example 3: map of Albanian Articles of Albania
- ▶ see sq.wikipedia.org/wiki/Përdoruesi:Albinfo/Wikidata

```

1 # All items that have p3170 set and some other optional information. Also wor
2 #defaultView:Map
3 SELECT DISTINCT ?item ?itemLabel ?heritageId ?adminLabel ?coord ?image ?typeLabel ?sitelink
4 WHERE
5 {
6   ?item wdt:P3227 ?heritageId .
7   OPTIONAL { ?item wdt:P131 ?admin }
8   OPTIONAL { ?item wdt:P625 ?coord }
9   OPTIONAL { ?item wdt:P18 ?image }
10  OPTIONAL { ?item wdt:P31 ?type }
11  OPTIONAL { ?sitelink schema:about ?item . ?sitelink schema:inLanguage "sq" }
12  SERVICE wikibase:label { bd:serviceParam wikibase:language "en,sq,fr,de,sr" }
13 }
14 ORDER BY ?itemLabel

```



Find

http://schema.org/inLanguage

Show

Cultural Heritage Kosovo

administrative territorial entity , coord
image , instance of , http://schema.c

Limit

Press [CTRL-SPACE] to activate auto completion.



113 results in 93 ms

QUERY.WIKIDATA.ORG

Display

WIKIDATA QUERY



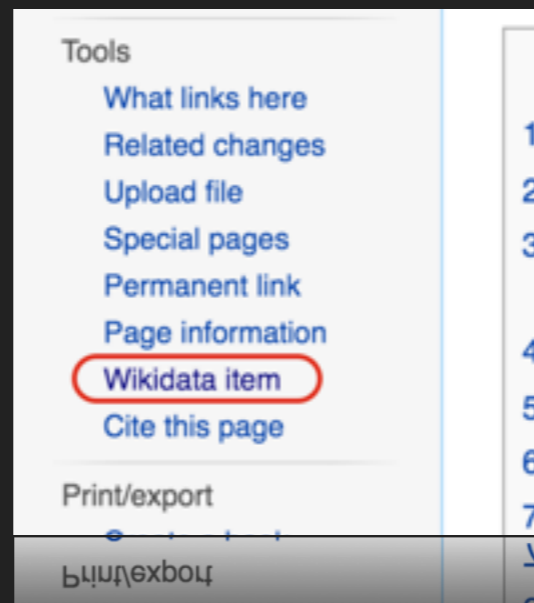
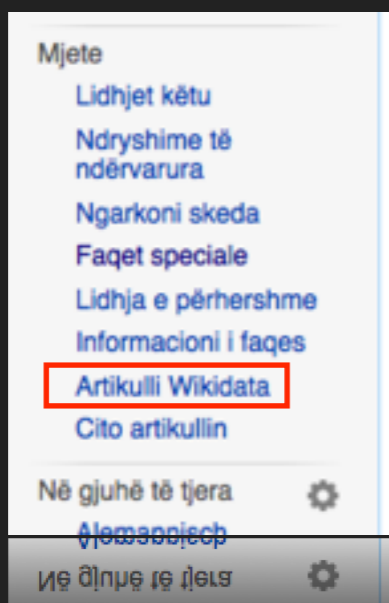


WIKIDATA FIRST STEPS

HOW-TO

BEST PRACTICES

- ▶ Check for Wikidata entry
- ▶ Add new Wikidata entry if missing
- ▶ Add description in your language
- ▶ Add additional data (+ sources)



PRACTICAL TEST

- ▶ Add new item
- ▶ Add Wikipedia language (maybe necessary to merge items)
- ▶ Add description in your language
- ▶ Add statements (contextual support)

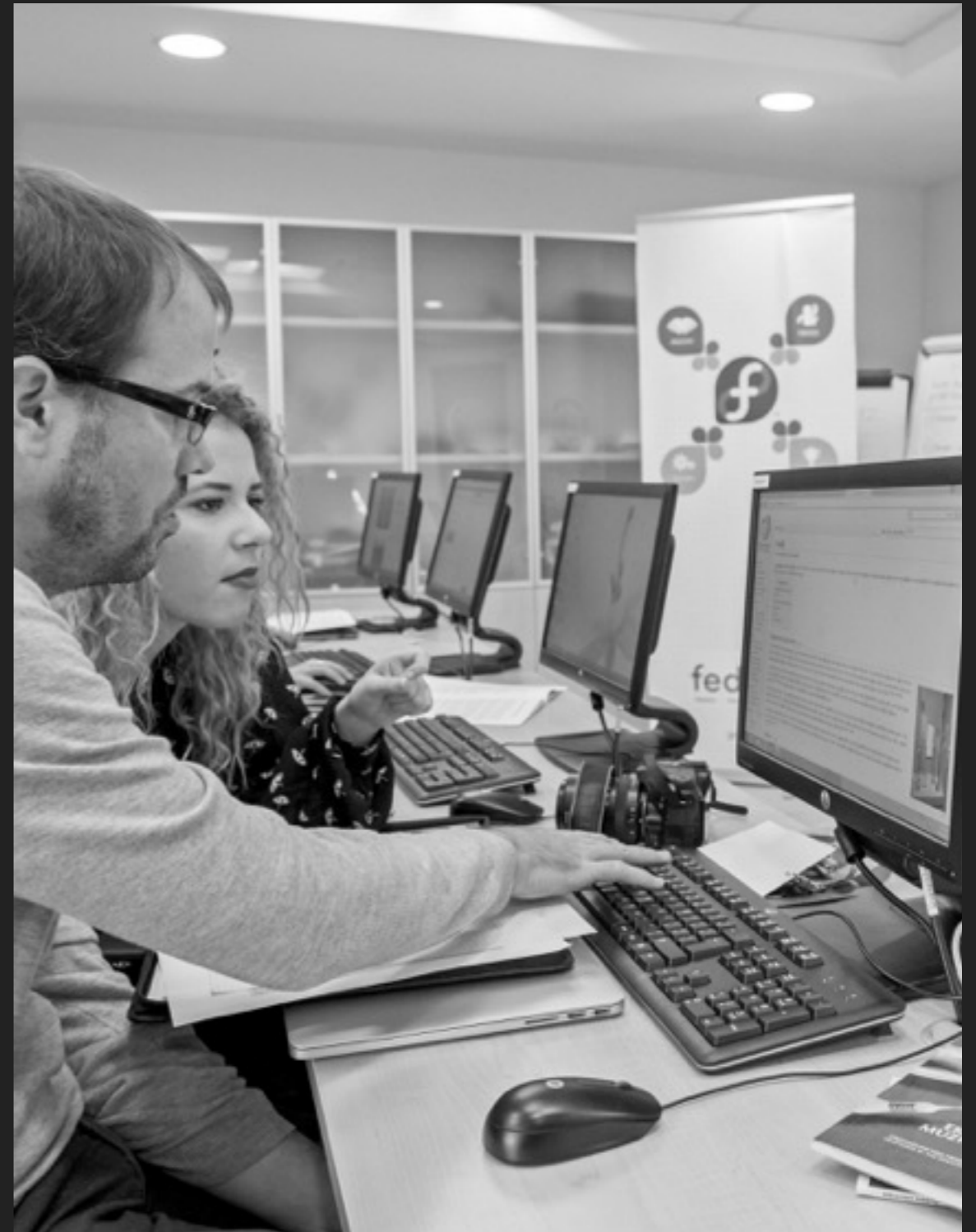


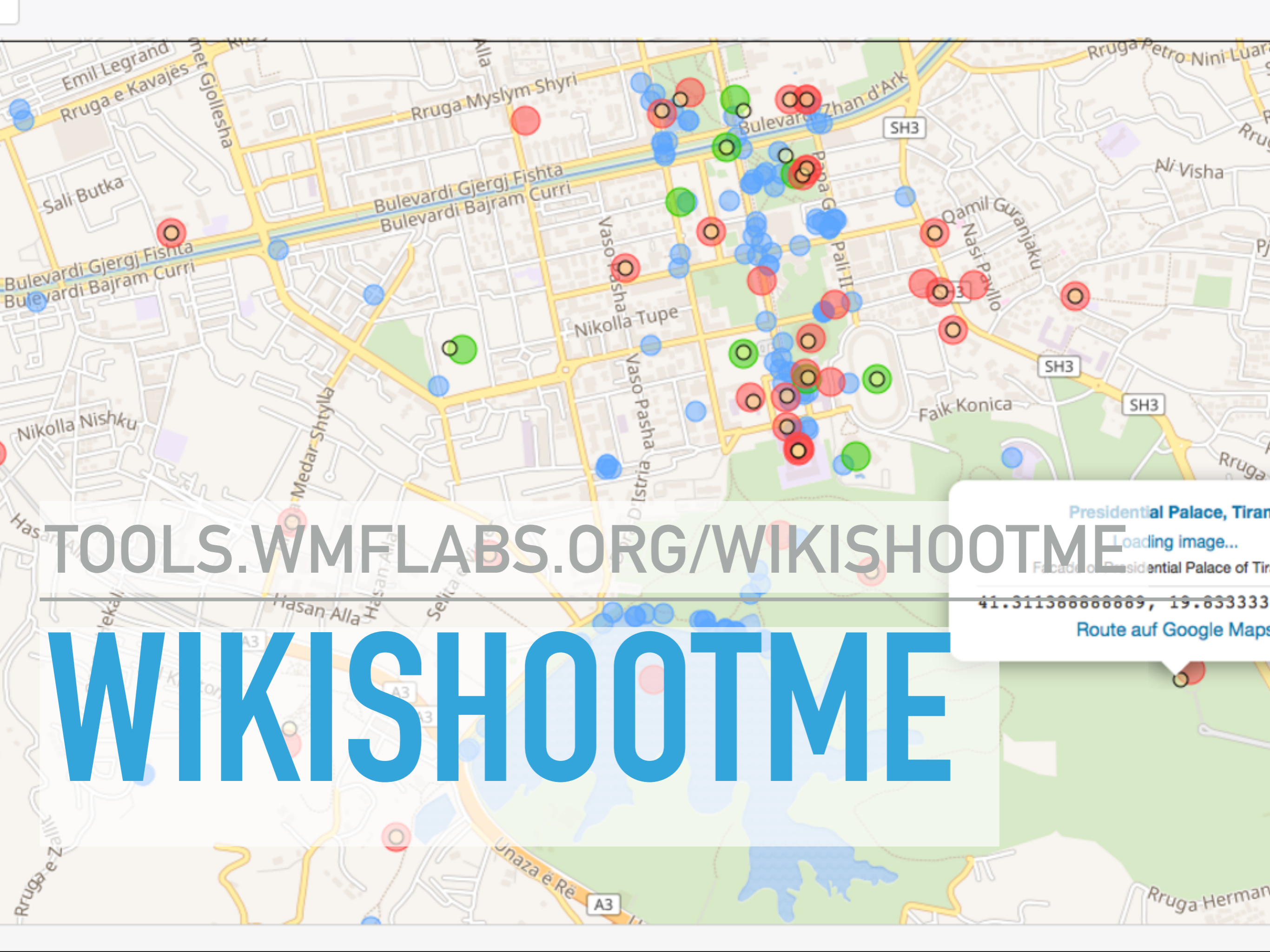
IMAGE: ANDIS RADO CC-BY-SA-4.0

COPIED FROM FILE:WIKIPEDIA_WEEKEND_IN_TIRANA_2015_73.JPG – WIKIMEDIA COMMONS

FUN WAYS TO IMPROVE WIKIDATA

- ▶ WikiShootMe!
- ▶ Wikidata Game





TOOLS.WMFLABS.ORG/WIKISHOOTME

WIKISHOOTME

Presidential Palace, Tirana

Loading image...

Facade of Presidential Palace of Tirana

41.3113688888889, 19.8333333

Route auf Google Maps

Please be careful!. Only assign a Commons category if you are really sure it is the correct one!

This item has no Commons category assigned, but there is one with the exact same name. Is this category about the item? Click "No category" if that's the case for!

Item [Q4783286](#)

Jacques Doucet

bariton خواننده فرانسوی fransk sanger fransk sanger fransk songar fransk sångare French singer

given name Jacques date of death 2009-12-17 date of birth 1925-01-01 country of citizenship France occupation singer sex or gender male

VIAF ID 4340320 BnF ID 140000419

frwiki: Jacques Doucet (chanteur)

fr.wikipedia.org: Jacques Doucet (chanteur)

Jacques Doucet est un artiste lyrique (baryton), metteur en scène et directeur de théâtre français, né en 1925 et mort le 17 décembre 2009. == Biographie == Il commence à intégrer la troupe de l'Opéra de Paris (RTLN) et chante pour ses débuts dans le rôle d'Escamillo dans Carmen de Georges Bizet. Il participe durant cette période à de nombreuses productions de l'Opéra de Paris (Vol de nuit de Luigi Dall'Piacola d'après Saint-Exupéry en 1960. Il a également chanté sur la scène de l'Opéra de Paris dans la "Caravella Capota de Toulouse où il est engagé en 1973, avant de perdre la suite de Michel Masson en tant que directeur artistique en 1972. À ce titre il met en scène de nombreuses productions (1983), Les Cloches de Corneville (1987) et Mireille (1988). Il est remplacé en 1990 par Nicolas Joel. De 1974 à 1994, il est également...

Commons category candidate:

Jacques Doucet

WIKIDATA GAME



WIKIMEDIA COMMONS

Suche

Category:Jacques Doucet

[Kategorien](#) (+⁺): [Fashion designers from France](#) (-) (±) (↓) (↑) | [Art collectors from France](#) (-) (±) (↓) (↑) | [People of Paris by name](#) (-)

| [1929 deaths](#) (-) (±) (↓) (↑) | (+)

Versteckte Kategorien: [Categories with authority control data](#) | [People of Paris needing categories](#) (-) (±) (↓) (↑) | [People by name](#) (-) (±) (↓) (↑)



WIKIDATA?

TRY IT!

An aerial photograph of a coastal region. In the foreground, there are rolling hills with sparse vegetation. A road winds through the landscape. In the middle ground, a bay with a sandy beach is visible, surrounded by a small town. The background shows a vast expanse of blue water meeting a clear sky.

SUPPORT NEEDED?

ASK!

TWITTER: @WIKIDATA @WIKIDATAFACTS