



# VODAN PROJECT: TUNISIA PROJECT PARTICULARITIES

PRESENTED BY: Ms. Dr Mariem Ghardallou, Ms Morgane Wirtz, Ms Zohra Touati

Tu 25 th August 2020

# Plan

1. Epidemiological profile of the COVID-19 epidemic in Tunisia *and* The Tunisia experience in fighting the Covid-19 (Dr .Mariem Ghardallou)
2. Detection of Covid-19 amongst mobile vulnerable groups (migrants and refugees) (Ms Morgane Wirtz)
3. VODAN in Box: The Tunisian experience (Dr .Mariem Ghardallou)

# The Tunisia experience in fighting the COVID-19 epidemic and the Epidemiological profile in Tunisia



# COVID-19 response strategy in Tunisia

**1- The first phase of managing the COVID-19 pandemic threat in Tunisia → achievement of the general objective of the implemented strategy:**

**Curb the spread of SARS-CoV-2 within the population in order to avoid overshooting the response capacity of the health system.**

**2- The second phase :** Targeted confinement → New challenges arise:

- Avoid a rebound that would again threaten the health system.
- The risk of rebound depends largely on the application of targeted confinement measures and the system's ability to detect, isolate and treat early all new cases.

**3- The third phase :**The Border opening phase

# COVID-19 response strategy in Tunisia: 1st and 2nd Phases

## The Basic principles: 5 Early :

1. Early detection of cases (indication of the PCR test)
2. Early declaration of cases (confirmed by test laboratory)
3. Initial Early investigation + Contact tracing
4. Early isolation of all cases
5. Treatment and early management

## Public health measures

1. Isolation of all positive cases
2. Quarantine of persons at risk (health care providers, returnees, case contact persons)
3. General confinement and Targeted confinement



Tunisia proceeded to the closure of maritime borders and the suspension of air links with countries at high risk of transmission of SARS-CoV-2 mainly Italy.



Tunisia launched general confinement, border closure and quarantine in dedicated locations for all returnees.



Tunisia established systematic screening of all travelers at points of entry (airports,... ) and quarantine at places of residence for 14 days of all travelers from areas at high risk of transmission of SARS-CoV -2 (China, Italy,..)



Tunisia closed all schools and universities and banned all rallies



Tunisia passed to a new phase in the management of the COVID-19 pandemic : target progressive confinement



# COVID-19 response strategy in Tunisia: Adaptation of the "2P2R COVID-19" Response Plan during the border opening phase

- The third phase :The Border opening phase: **Since the 27<sup>th</sup> June**

The response strategy to deal with this phase was based on : **3 T (Test)**

**T(Tracker) T (Tracer)** → To reduce the virus spread on the community

1. **A considerable increase in the testing capacity among travelers (the high risk group for Tunisia)**
2. **A considerable increase in the quarantine (tracking)**
3. **A considerable increase in the contact tracing (contact tracing) based on new digital tracing approaches.**

# Response Plan during the border opening phase: Principles

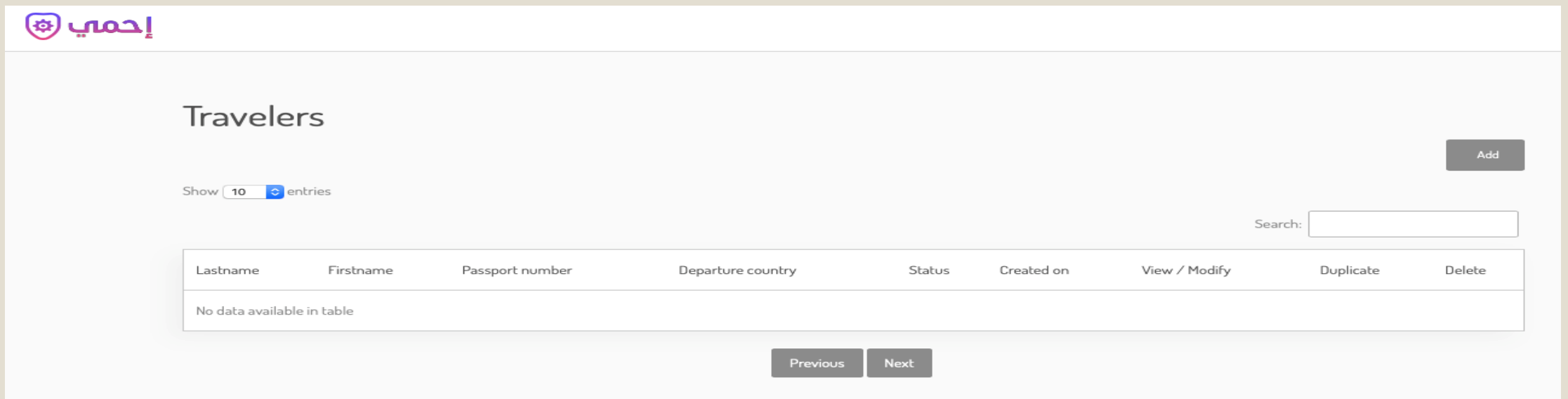
The principles of this strategy :

- ❖ To **establish health protocols** taking into account the profile of the traveler on arrival (convenience tourism, medical tourism, international travel for international travel, Tunisian resident abroad or repatriated to Tunisia name) and the country of origin in order to prevent the introduction of the virus into the country
- ❖ To Strengthen **the case detection system** at all points of entry to the territory
- ❖ To use traveler identification, monitoring and tracking **applications**
- ❖ To Strengthen the capacity for **testing and screening of cases**
- ❖ To Strengthen the potential of health teams, in all health districts, to ensure **the follow-up** of Tunisian residents on their return to their localities



# Response Plan during the border opening phase: Recommendations

**1- General recommendations for traveler :** Traveler's Notebook (Informations about the transmission and the quarantine process) , Signature of a commitment, Health form (application » E7mi border » ),.....)



إحمي

## Travelers

Show  entries

Search:

Lastname	Firstname	Passport number	Departure country	Status	Created on	View / Modify	Duplicate	Delete
No data available in table								

# Response Plan during the border opening phase: Recommendations

## 2- Specific measures by country of origin: :

- Countries are classified into **three levels of risk** according to scientific criteria and epidemiological indicators using the different data sources commonly used by the different international organizations and based on a composite indicator
- And many **updates of these classifications** were done according to the pandemic evolution

Mesures	Verte	Orange	Rouge
Ouverture des frontières	Oui	Oui	Oui pour les tunisiens et les résidents en Tunisie
RT-PCR avant la date du voyage	Recommandé	Oui	Oui
Date de la RT-PCR avant le voyage	dans un délai de 3 jours avant le voyage	72H à la date du premier embarquement et sans dépasser 120 H à l'arrivée	72H à la date du premier embarquement et sans dépasser 120 H à l'arrivée
Mise en quarantaine obligatoire	Non	Oui	Oui
Lieu de la quarantaine		A domicile	Centre de quarantaine choisit par le comité de confinement
RT-PCR de contrôle		En cas d'apparition de signes Ou sur demande	Oui systématiquement
Date de la RT-PCR de Contrôle		Entre 5 <sup>ème</sup> et 7 <sup>ème</sup> jour à partir de la date d'arrivée en Tunisie	Entre 5 <sup>ème</sup> et 7 <sup>ème</sup> jour à partir de la date d'arrivée en Tunisie
Durée de la quarantaine		7 jours : si sujet asymptomatique et RT-PCR négative : levée de la quarantaine si sujet symptomatique	14 jours 7 jours dans un centre de quarantaine 7 jours à domicile si RT-PCR négative

# Response Plan during the border opening phase: Recommendations



République Tunisienne  
Ministère de la Santé



Au 19 août 2020, 85 pays ont complètement restreint l'entrée aux non-citoyens, et 85 autres pays ont des restrictions d'entrée au moins partielles.

## MESURES SPECIFIQUES PAR PAYS

EUROPE	
<b>France</b>	<p><b>Test Covid-19</b> (fait dans les 72 heures) obligatoire pour les voyageurs de 16 pays (États-Unis, Brésil, Algérie, Bahreïn, Inde, Afrique du Sud, Koweït, Qatar, Emirats Arabes Unis, Oman, Panama, Pérou, Serbie, Turquie et Madagascar). La possibilité de faire le test à l'aéroport Paris-Charles de Gaulle est aussi possible.</p> <p>Des ajouts à la liste ont été annoncés le <b>13/08/20</b> comprenant <i>les Maldives, la Colombie, le Monténégro, la Bolivie, le Kosovo, la République dominicaine, l'Argentine, le Costa Rica, le Chili, la Guinée équatoriale, le Kirghizistan, la Bosnie-Herzégovine, la Moldova, la Palestine, l'Arménie et le Mexique.</i></p> <p>Les personnes souhaitant entrer en France peuvent passer le test avant de voyager ou à la frontière, à l'exception de celles du Chili, de Bosnie-Herzégovine, de Moldavie et d'Arménie, qui doivent passer le test avant de quitter le pays.</p> <p>Pour l'entrée dans les <b>territoires Outre-Mer</b> sauf Guyane et à Mayotte (motif familial ou professionnel impérieux) : <b>un test RT-PCR négatif</b> dans les 48-72 heures précédant le vol + quatorzaine adaptée avec un test RT PCR au 7e jour.</p>
<b>Italie</b>	<p>- Pas de quarantaine pour les personnes en provenance d'un pays de l'Union européenne, de l'espace Schengen, du Royaume-Uni... (pays de provenance ou de résidence dans les 14 jours qui précèdent le voyage et non de la nationalité du voyageur).</p> <p>- <b>Quarantaine</b> : voyageurs ayant séjourné dans un des pays suivants : Algérie, Australie, Canada, Géorgie, Japon, Monténégro, Maroc, Nouvelle-Zélande, Rwanda, Serbie, République de Corée, Thaïlande, Tunisie, et Uruguay.</p> <p>Les voyageurs en provenance de pays non énumérés ne peuvent entrer en Italie que pour des motifs professionnels, de santé, de nécessité absolue avec quarantaine.</p> <p>A partir du 13 Aout 2020, toute personne arrivant de <i>Croatie, de Grèce, d'Espagne et de Malte</i> doit prouver qu'elle a été <b>testée négative</b> au virus ou se préparer à s'auto-isoler jusqu'à ce que le résultat du test soit connu.</p> <p>Toute personne entrant sur le territoire allemand à partir d'un pays ou d'une zone à risques est soumise à une quarantaine obligatoire jusqu'à l'obtention des résultats du <b>test PCR</b> qui devra être effectué dans les 72 heures suivant l'arrivée sur le territoire.</p>



# COVID-19 Dashboard by the Center for Systems Science and Engineering (CSSE) at Johns Hopkins University (JHU)

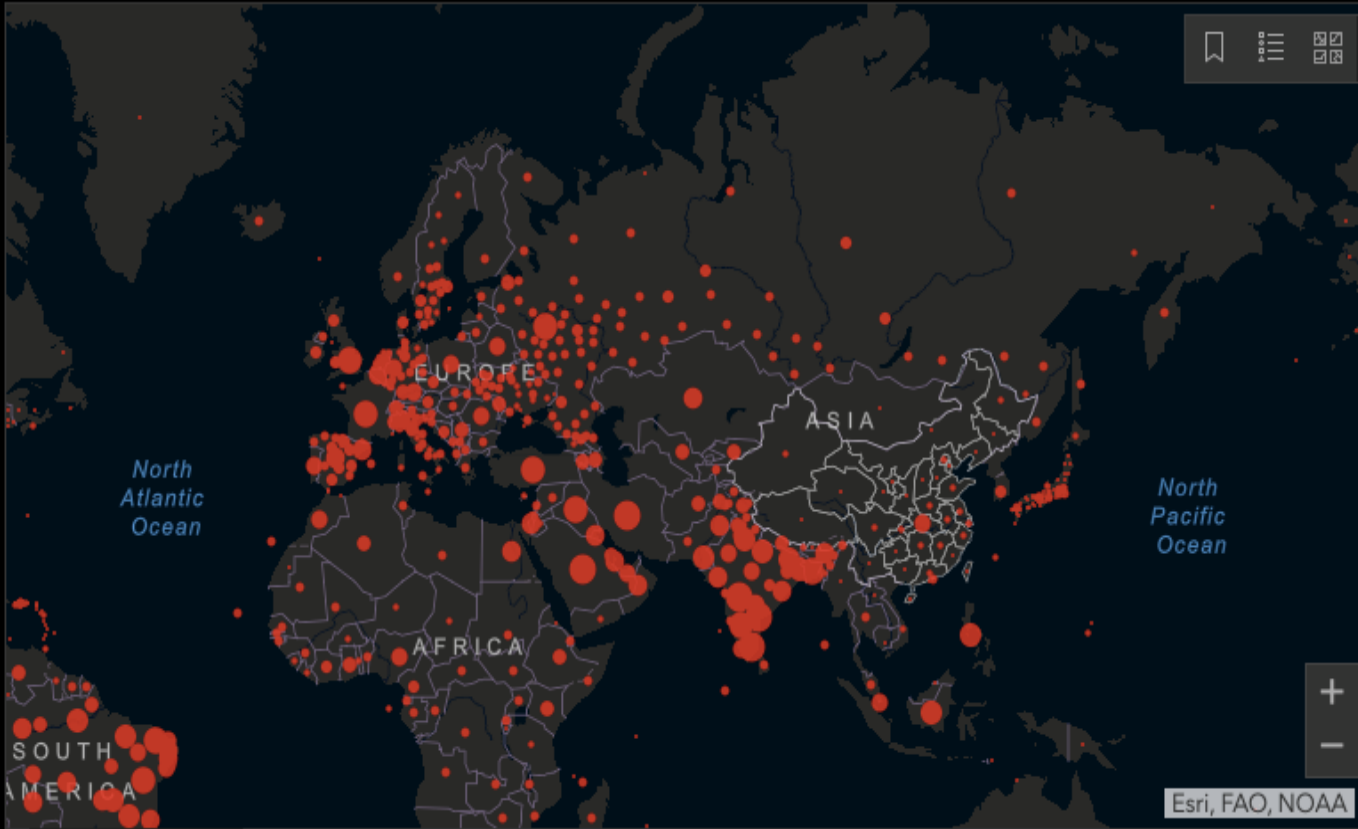


### Global Cases

# 2 893

### Cases by Country/Region/Sovereignty

- 3 632 Suriname
- 3 532 Cabo Verde
- 3 440 Mozambique
- 3 424 Slovakia
- 3 402 Thailand
- 3 306 Rwanda
- 3 269 Somalia
- 2 959 Sri Lanka
- 2 893 Tunisia**
- 2 708 Mali



[Cumulative Cases](#) | 
 [Active Cases](#) | 
 [Incidence Rate](#) | 
 [Case-Fatality Ratio](#) | 
 [Testing Rate](#) | 
 [Hospitalization Rate](#)

# 188

countries/region

Lancet Inf Dis Article: [Here](#). Mobile Version: [Here](#). Data sources: [Full list](#). Downloadable database: [GitHub](#), [Feature Layer](#).

Lead by [JHU CSSE](#). Technical Support: [Esri Living Atlas team](#) and [JHU APL](#). Financial Support:

### Global Deaths

# 71

71 deaths  
Tunisia

### US State Level

### Deaths, Recovered

32 887 deaths, **74 684** recovered  
New York US

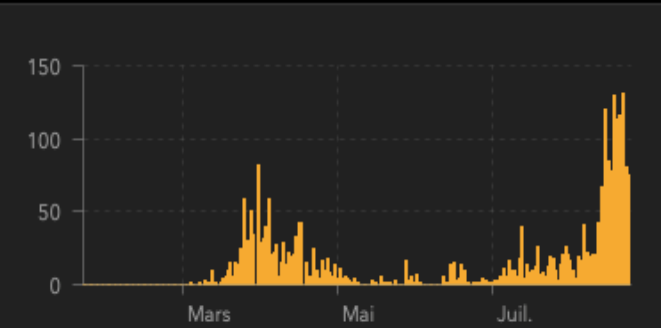
15 946 deaths, **33 626** recovered  
New Jersey US

12 261 deaths, **recovered**  
California US

11 749 deaths, **457 182** recovered

Global Deaths

US Deaths, Rec...



Daily Cases

Last Updated at (M/D/YYYY)

8/25/2020 8:28:01 AM

## لحالات المؤكدة - Cas Confirmés

2 893

126 596 Cas testés - الحالات المختبرة

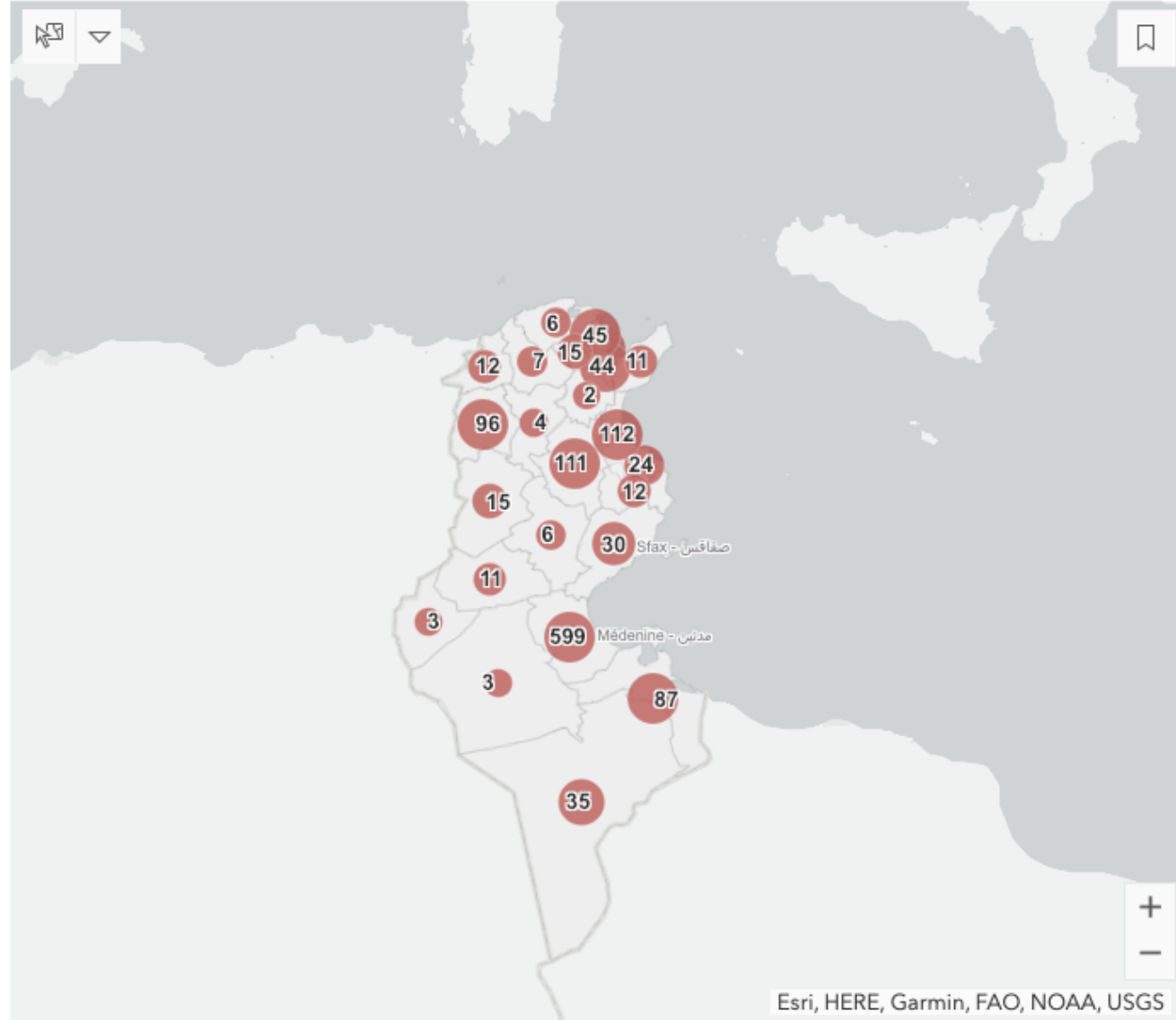
Aucune donnée

Aucune donnée

Cas rétablis  
1 454  
Cas rétablis

Cas actifs  
1 368  
الحالات النشيطة

## عدد الحالات النشيطة في تونس - Nombre de cas actifs en Tunisie



6.2  
2.3

Nombre de cas actifs par gouvernorat  
الحالات النشيطة حسب الولايات

Gabès - قابس	599
Sousse - سوسة	112
Kairouan - القيروان	111
Le Kef - الكاف	96
Médénine - مدنين	87
Tunis - تونس	78
Ariana - أريانة	45
Ben Arous - بن عروس	44
Tataouine - تطاوين	35
Sfax - صفاقس	30
Monastir - المنستير	24
Kasserine - القصرين	15
Manouba - منوبة	15
Jendouba - جندوبة	12
Mahdia - المهدية	12
Gafsa - قفصة	11
Nabeul - نابل	11
Béja - باجة	7
Bizerte - بنزرت	6
Sidi Bouzid - سيدي بوزيد	6
Siliana - سليانة	4
Kébili - قبلي	3
Tozeur - توزر	3
Zaghuan - زغوان	2

Esri, HERE, Garmin, FAO, NOAA, USGS

<

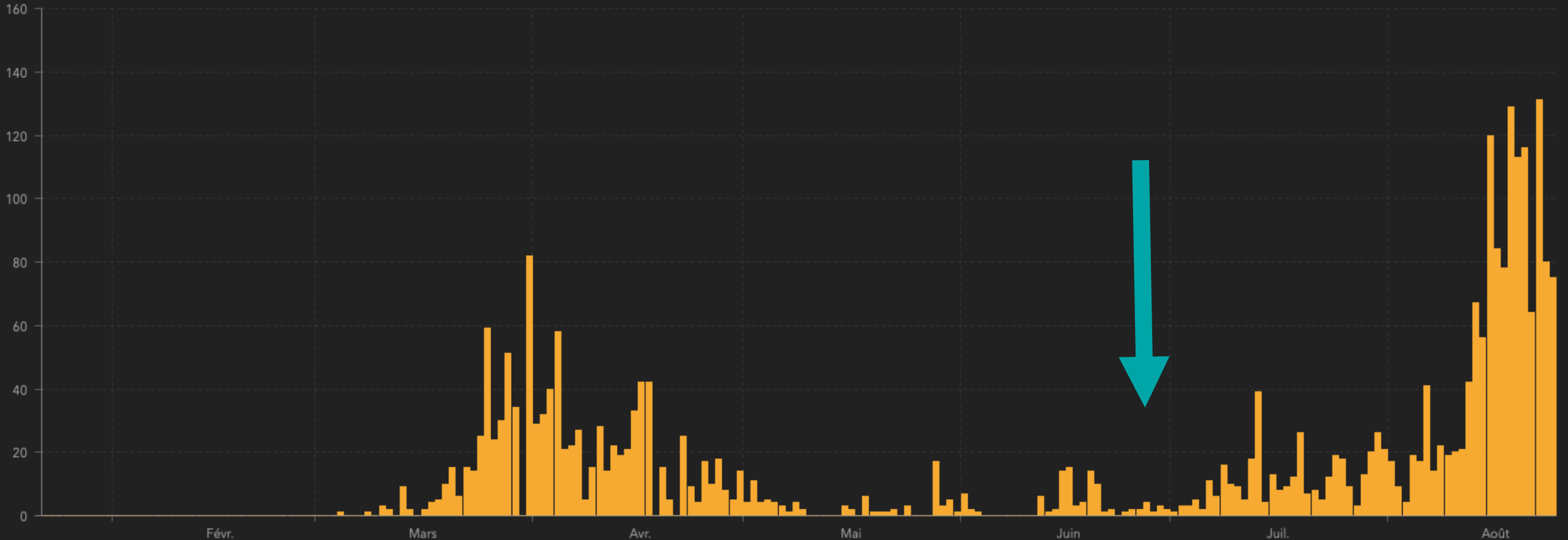
Nombre de cas actifs



تطور الحالات المؤكدة و النشيطة و المعافاة و الوفيات

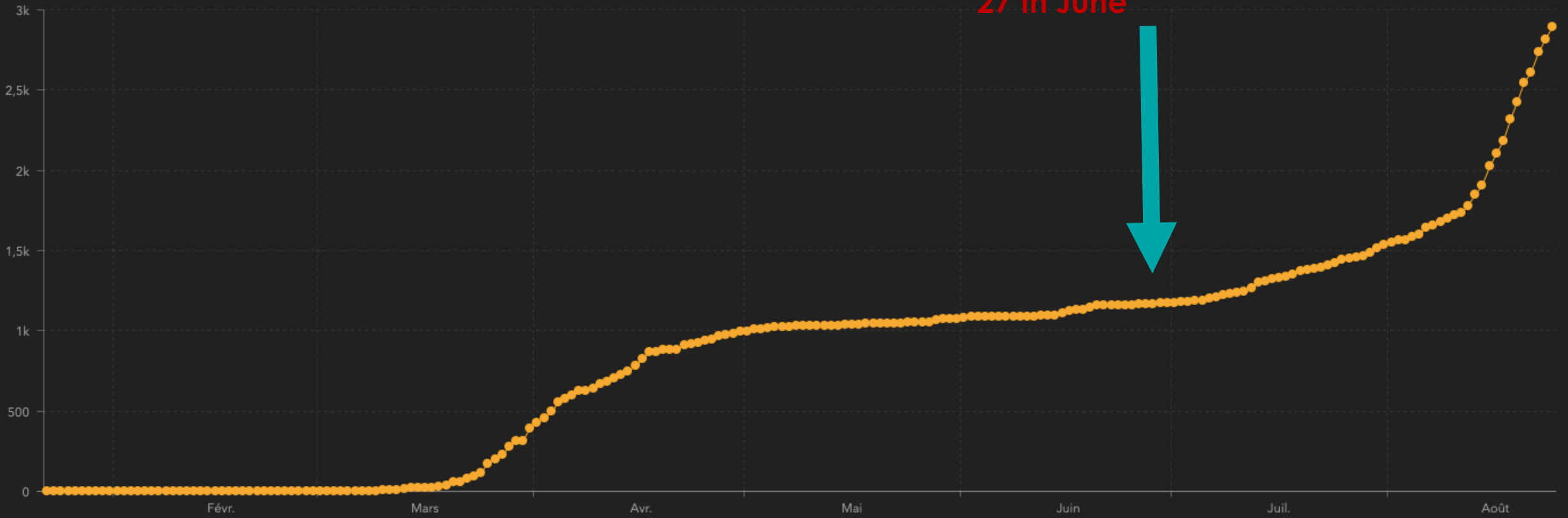


## COVID-19 Dashboard by the Center for Systems Science and Engineering (CSSE) at Johns Hopkins University (JHU)





## COVID-19 Dashboard by the Center for Systems Science and Engineering (CSSE) at Johns Hopkins University (JHU)



Daily Cases

Daily Deaths

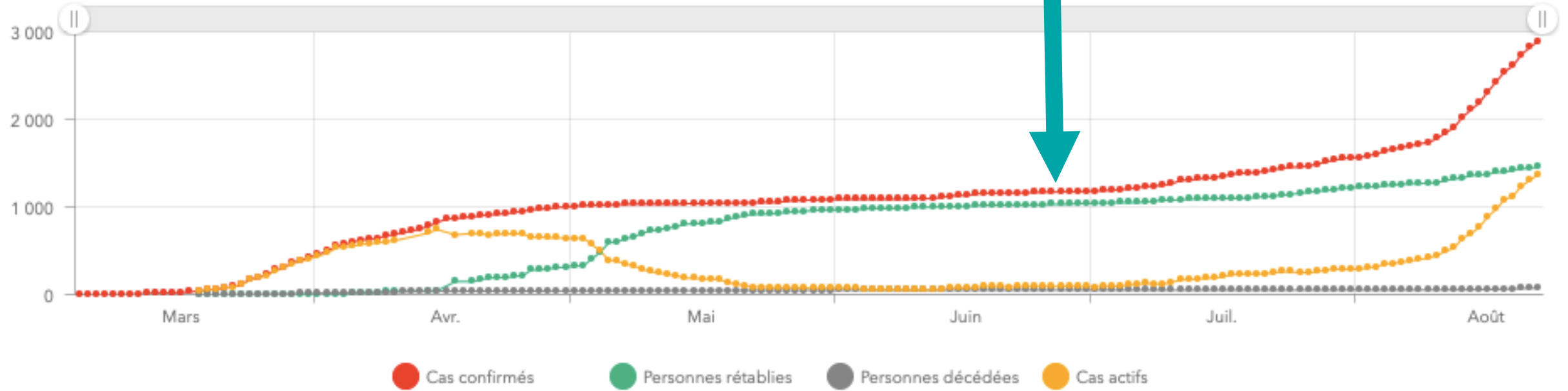
**Cumulative Cases**

Cumulative Deaths

Log Cases

27 th June

تطور الحالات المؤكدة و النشيطة و المعافاة و الوفيات



Evolution des cas

Nombre journalier des cas confirmés



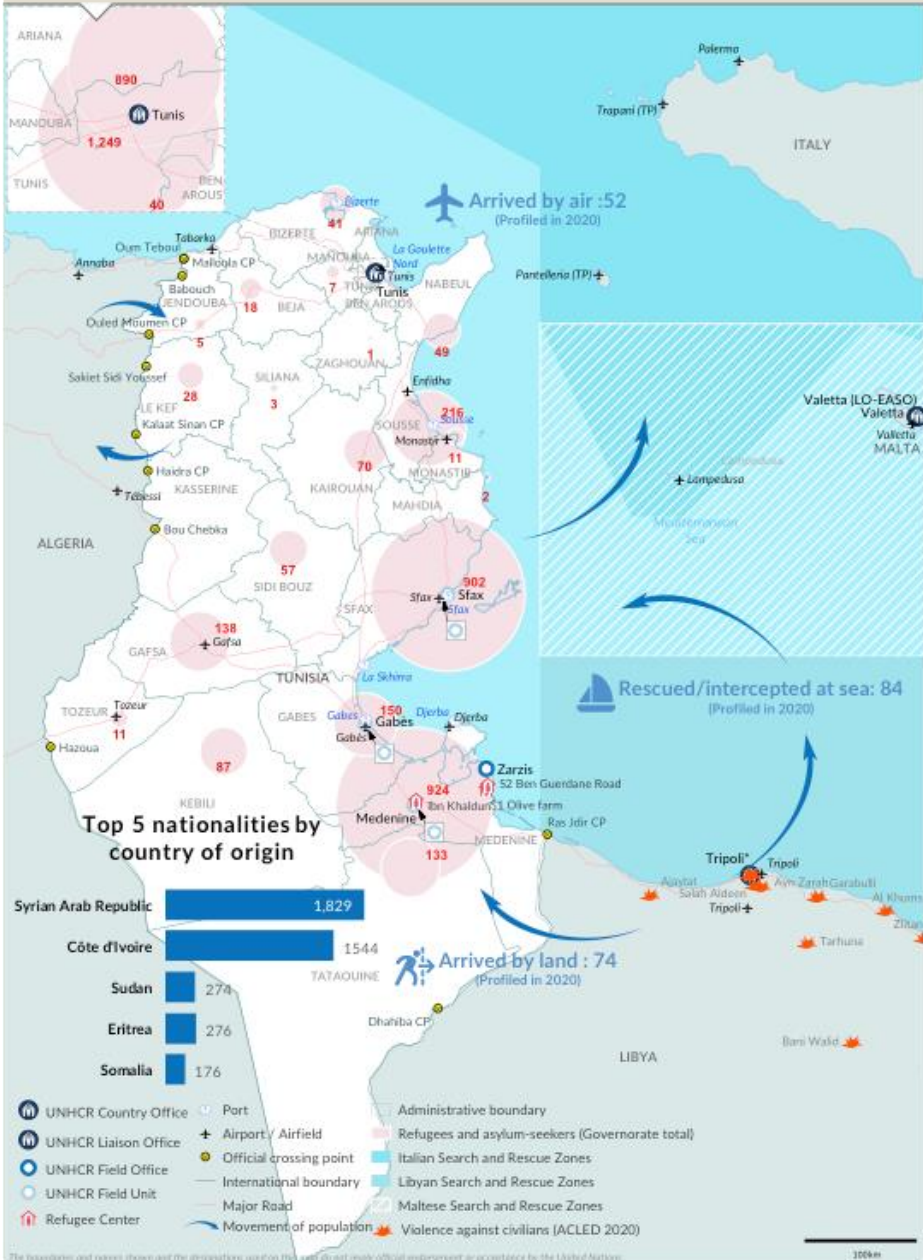
# Challenges

- **Significant logistical and capacity constraints** : ranging from :
  - the availability of qualified personnel to take precise samples and contact tracing and tracking activities
  - the time required for laboratory analysis and the availability of reagents
- The **use of digital applications** could help improve the speed and efficiency of the DTC strategy, as adopted in some countries.
- Many other challenges have to be tackled with **the start of the academic year**

# Challenges

- Overall, to overcome this pandemic ,challenges ( in the Tunisian context) are numerous but They are even more important when it 's the case of some vulnerable social categories such as **migrants**
- And these latters are the main target population for the Project VODAN in Tunisia: **To determine the impact of COVID-19 crisis on health, social situation and mobility status of migrants from sub-Saharan Africa , hosted in Tunisia.**

# Migrants in Tunisia



## Migrants in Tunisia

- People arrive by plane, boat or road
- No clear data, people are isolated and undocumented

# The first impact of Covid-19 on migrants is economic

precarious jobs – help from Tunisian associations





# Troubles to pay the rent

Intervention of authorities and Tunisian associations



## Difficult access to health care

undocumented – few knowledge of their rights



© Morgane Wirtz

## After the lockdown: exodus to Libya or Europe

4000 Tunisians arrived in Italy in July 2020 – hundreds of Sub-Saharanans are crossing borders





# Data collection:

About **500 articles & press release** collected in Libya, Niger and Tunisia thanks to the University of Sousse and Sahara FM





About **120 interviews** in Agadez (Niger), Tunis, Sousse, Sfax, Zarzis, Kalibia, Djerba, Kerkennah, Medinine (Tunisia) and Libya.

Thanks to:

- VODAN
- University of Sousse (6 students, Dr. Mariem Ghardallou, Zohra Touati, Pr. Hassen Boubakri, Pr. Ali Mtiraoui)
- Ivorian students in Tunisia, students in Kenya and Uganda
- Journalists & researcher in Niger
- Fixer & interpreters in Tunisia
- Tilburg University & Pr. Mirjam van Reisen

# The VODAN in box: Installation

# VODAN project steps

1. Technical installation of the VODAN FDPs
2. Local configuration
3. Link to data
4. Federated queries on the VODAN FDP
5. Documentation and training materials
6. Scaling the VODAN in a box

# VODAN project steps

1. **Technical installation of the VODAN FDPs**
2. **Local configuration**
3. **Link to data**
4. **Federated queries on the VODAN FDP**
5. **Documentation and training materials**
6. **Scaling the VODAN in a box**

# Technical installation of the FDP and local configuration

# Technical installation of the VODAN FDPs

uc.rnu.tn



Depuis sa création en 1976, le Centre de Calcul El-Khawarizmi (CCK) ne cesse de s'investir afin de promouvoir et de généraliser l'usage des Technologies de l'Information et de la Communication (TIC) dans le milieu universitaire confirmant ainsi sa place de leader et d'innovateur en matière des T.I.C. appliquées à la recherche scientifique, à la pédagogie et aux services universitaires... [Plus de détails](#)



République Tunisienne  
Ministère de l'Enseignement Supérieur,  
de la Recherche Scientifique et de la Technologie  
Centre de Calcul El-Khawarizmi

## Charte d'hébergement des sites web universitaires "Réseau National Universitaire (RNU)"

Description des objectifs du site :  
Ce site servira à la publication de métadonnées relatives à la pandémie COVID-19. Ces données sont collectées auprès des migrants de l'Afrique subsaharienne en Tunisie et elles sont recueillies à partir des rapports de presse publiés et des interviews réalisés auprès de la population concernée.  
Description de l'infrastructure matérielle nécessaire (remplir soigneusement le formulaire de détails techniques du site web) :  
.....  
.....  
.....  
Nom du site (URL):  
<https://isp.us.rnu.tn/>  
Remarques : préciser le(s) délai(s) approximatif(s) de la première mise en service du site :  
Juillet 2020

Signature du demandeur (\*)

Dr. Mariem Ghardallou  
Maître de Conférence Agrégé  
Département de Médecine  
Communautaire et Familiale  
Faculté de Médecine de Sousse

(\*) Si la demande concerne la création d'une structure d'enseignement et de recherche

Signature du responsable  
de l'établissement de tutelle

Le Président de l'Université  
Professeur  
ALI MITRAOUI

Accord du Directeur Général  
Centre de calcul el-Khawarizmi

Date : .....

# Local configuration

FAIR Data Point  
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Read the Docs v: latest

Docs » Local Deployment [Edit on GitHub](#)

## Local Deployment

FAIR Data Point is distributed in Docker images. For a simple local deployment, you need to run `fairdatapoint`, `fairdatapoint-client` and `mongo` images. See the [Components](#) section to read more about what each image is for.

Here is an example of the simplest [Docker Compose](#) configuration to run FDP.

```
# docker-compose.yml
version: '3'
services:
  fdp:
    image: fairdata/fairdatapoint:1.6.0
  fdp-client:
    image: fairdata/fairdatapoint-client:1.6.0
    ports:
      - 80:80
    environment:
      - FDP_HOST=fdp
  mongo:
    image: mongo:4.0.12
```

Then you can run it using `docker-compose up -d`. It might take a while to start. You can run `docker-compose logs -f` to follow the output log. Once you see a message, that the application started, the FAIR Data Point should be working, and you can open <http://localhost>.

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Docs » Production Deployment [Edit on GitHub](#)

## Production Deployment

If you want to run the FAIR Data Point in production it is recommended to use HTTPS protocol with valid certificates. You can easily configure FDP to run behind a reverse proxy which takes care of the certificates.

In this example, we will configure FDP to run on `https://fdp.example.com`. We will see how to configure the reverse proxy in the same Docker Compose file. However, it is not necessary, and the proxy can be configured elsewhere.

First of all, we need to generate the certificates on the server where we want to run the FDP. You can use [Let's Encrypt](#) and create the certificates with [certbot](#). The certificates are generated in a standard location, e.g., `/etc/letsencrypt/live/fdp.example.com` for `fdp.example.com` domain. We will mount the whole `letsencrypt` folder to the reverse proxy container later so that it can use the certificates.

As a reverse proxy, we will use [nginx](#). We need to prepare some configuration, so create a new folder called `nginx` with the following structure and files:

```
nginx/
├── nginx.conf
├── sites-available
│   ├── fdp.conf
│   └── sites-enabled
│       └── fdp.conf -> ../sites-available/fdp.conf
```

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## Local Deployment

### Important

This deployment is intended only for testing and demonstration purposes and should not serve for real production use. If you want to provide VODAN in a Box as a service, visit [Production Deployment](#).

## Requirements

- [Docker Engine](#) version 19.03 (or higher)
- [Docker Compose](#) version 1.25 (or higher)

## Setup

1. [Download](#) or [git clone](#) repository <https://github.com/uc-rnu/vodan-deployment> locally
2. Change working directory to `vodan-deployment`
3. Use [docker-compose](#) to start the application

```
git clone https://github.com/uc-rnu/vodan-deployment.git
cd vodan-deployment
docker-compose up -d
```



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v: latest

# fdp.uc.rnu.tn

Docs » Production Deployment

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## Production Deployment

### Important

This deployment is intended for production use. For more information, visit [Local Deployment](#).

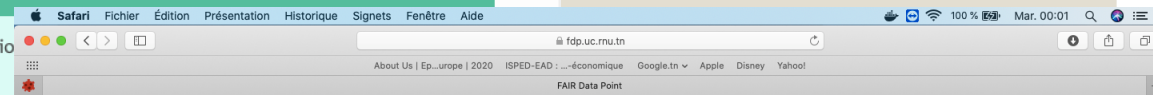
## Requirements

- [Docker Engine](#) version 19.03 (or higher)
- [Docker Compose](#) version 1.25 (or higher)
- Domain and DNS records set for providing the service
  - `dsw.your-domain.tld` - for CRF Wiza
  - `api.dsw.your-domain.tld` - for CRF V
  - `fdp.your-domain.tld` - for FAIR Data Point
  - `sparql.your-domain.tld` - for Triple S
- [certbot](#)

## Setup

### Get VODAN in a Box

[Download](#) or [git clone](#) repository <https://github.com/uc-rnu/vodan-deployment> locally.



## VODAN FAIR Data Point

[Log in](#)

### US- FAIR Data Point

This FAIR Data Point contains the metadata of datasets and other artefacts related to the impact of COVID-19 crisis on health, social situation and mobility status of migrants from subshara Africa , hosted in Tunisia.

### Catalogs

There are no catalogs.

Metadata Issued	Metadata Modified
16-08-2020	16-08-2020

Version
1.0

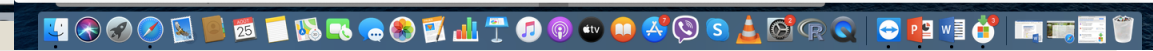
Language
en

License
cc-by-nc-nd4.0

Institution
<a href="http://www.uc.rnu.tn">www.uc.rnu.tn</a>

Start date
16-08-2020

Last update
16-08-2020





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## Local Deployment

### Important

This deployment is intended only for testing and demonstration purposes and should not serve for real production use. If you want to provide VODAN in a Box as a service, visit [Production Deployment](#).

### Requirements

- Docker Engine version 19.03 (or higher)
- Docker Compose version 1.25 (or higher)

### Setup

1. Download or [git clone](#) repository [https://github.com/med42/vodan-deployment](#) locally
2. Change working directory to `vodan-deployment`
3. Use `docker-compose up -d` to start VODAN

```
git clone https://github.com/med42/vodan-deployment
cd vodan-deployment
docker-compose up -d
```



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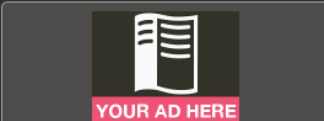
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## Production Deployment

### Important

This deployment is intended for production use. If you want to just test VODAN in a Box locally, visit [Local Deployment](#).

### Requirements

- Docker Engine version 19.03 (or higher)
- Docker Compose version 1.25 (or higher)
- Domain and DNS records set for production
  - `dsw.your-domain.tld` - for CRF
  - `api.dsw.your-domain.tld` - for CRF
  - `fdp.your-domain.tld` - for FAIR
  - `sparql.your-domain.tld` - for TR
- [certbot](#)

### Setup

#### Get VODAN in a Box

Download or [git clone](#) repository [https://github.com/med42/vodan-deployment](#) locally.

CRF Wizard

- Users
- CRF Template Editor
- CRF Templates
- CRFs
- Reports
- Templates

---

- Settings
- Help
- Albert Einstein

<< Collapse sidebar

# fdp.uc.rnu.tn

# dsw.uc.rnu.tn (localhost80:80)



Welcome to the CRF Wizard!



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## Local Deployment

### Important

This deployment is intended only for testing and demonstration purposes and should not serve for real production use. If you want to provide VODAN in a Box as a service, visit [Production Deployment](#).

### Requirements

- [Docker Engine](#) version 19.03 (or higher)
- [Docker Compose](#) version 1.25 (or higher)

### Setup

1. [Download](#) or [git clone](#) repository <https://github.com/rdahlgren/vodan-deployment> locally
2. Change working directory to `vodan-deployment`
3. Use [docker-compose](#) to start the application

```
git clone https://github.com/rdahlgren/vodan-deployment
cd vodan-deployment
docker-compose up -d
```



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Read the Docs

v: latest

# fdp.uc.rnu.tn

# Sparql.fdp.rnu.tn

Docs » Production Deployment

[Edit on GitHub](#)

## Production Deployment

### Important

This deployment is intended for production use. For testing and demonstration purposes, visit [Local Deployment](#).

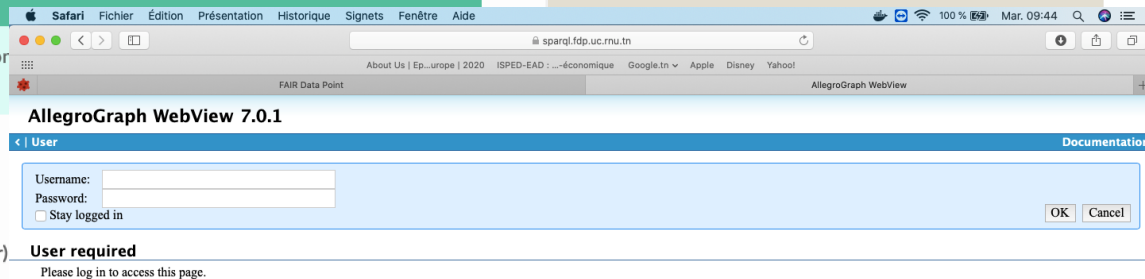
### Requirements

- [Docker Engine](#) version 19.03 (or higher)
- [Docker Compose](#) version 1.25 (or higher)
- Domain and DNS records set for providing services
  - `dsw.your-domain.tld` - for CRF Wizard
  - `api.dsw.your-domain.tld` - for CRF Wizard API
  - `fdp.your-domain.tld` - for FAIR Data Point
  - `sparql.your-domain.tld` - for Triple Store
- [certbot](#)

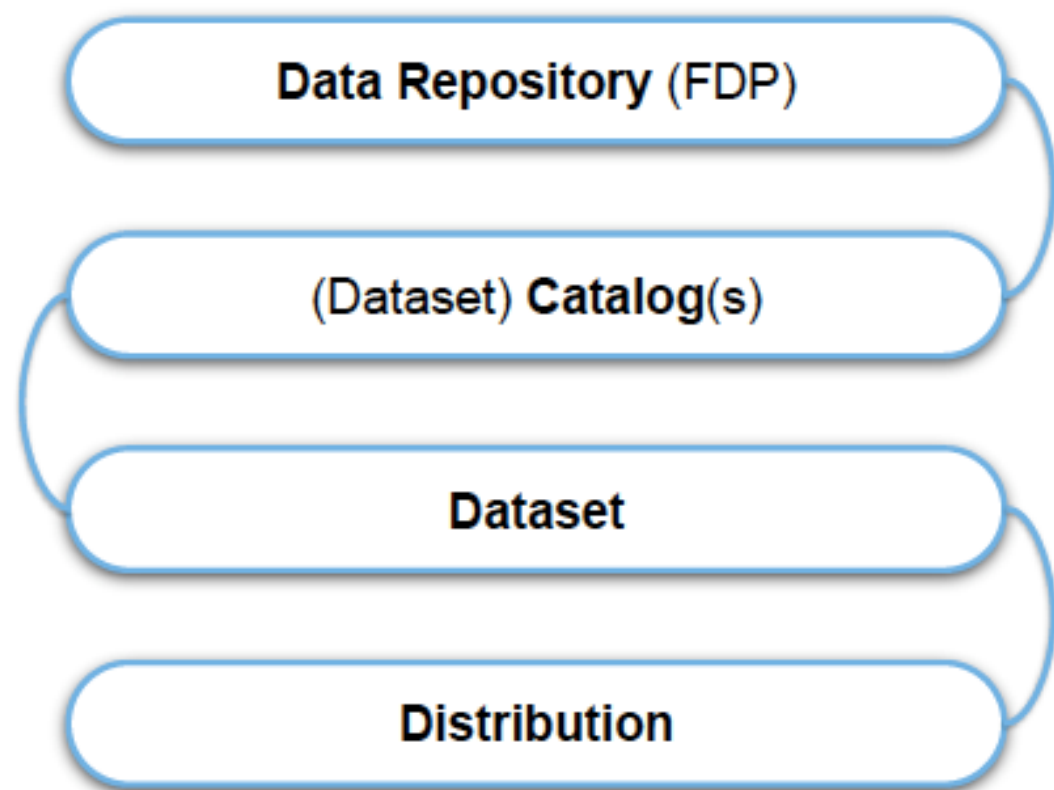
### Setup

#### Get VODAN in a Box

[Download](#) or [git clone](#) repository <https://github.com/rdahlgren/vodan-deployment> locally.



# FAIR DATA POINT – BASIC METADATA STRUCTURE





## VODAN Africa M4M: Scoping Exercise



Fichier Édition Affichage Insertion Format Données Outils Modules complémentaires Aide



Partager



fx

	A	B	C	D	E	F	G	H	I	
1		<b>dor</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>				
2		<b>Country</b>	<b>Uganda</b>		<b>Ethiopia</b>					
3		<b>Country Lead</b>	Francisca Oladipo & Mariam Basajja		Wondimu Ayele & Getu Tadele					
4		<b>Coordinator</b>	Francisca Oladipo	Francisca Oladipo	Wondimu Ayele	Getu Tadele	Sakinat	Sakinat	Sakinat	
5		<b>Ownership</b>	KIU	Case Kampala	AAU	Mekelle	DSN	DSN	DSN	
6		<b>Status</b>	called home	ongoing	ongoing	called home	ongoing	VIB Installed 08/04	ongoing	
7		<b>Teams</b>	<b>Team FDP1.1</b>	<b>Team FDP1.2</b>	<b>Team FDP2.1</b>	<b>Team FDP2.2</b>	<b>Team FDP3.1</b>	<b>Team FDP3.1</b>	<b>Team FDP3.1</b>	
8		<b>Address</b>	<a href="https://fdp.kiu.ac.ug">https://fdp.kiu.ac.ug</a>		<a href="https://fdp.aau.e">https://fdp.aau.e</a>	<a href="https://fdp.mudhc.edu.et/">https://fdp.mudhc.edu.et/</a>				
9		<b>Technical Support</b>	Mariam Basajja		Putu Hadi Jati					
10		<b>Stakeholder Representatives</b>	Balyejusa Gusite	Norbert	Tigist Habtamu	Teshome Abegaz	Ezekiel Adebayo O	Ezekiel Adebayo O	Ezekiel Adebayo O	
11			Susan Aloyo	Cynthia	Ephrem Biruk					
12			Yuma Erick	Miriam	Desta ijo					
13			Obinna Osigwe	Benjamin	Atinkut Alamirrew Zeleke					
14			Nambobi Mutwalibi							
15			Enerst Edozie							
16			Julius Matsiko							
17			Nasasira Jossy							
18										
19		<b>Repository metadata (9 components)</b>								
20	1	<b>Title:</b> Give a title, or name, of the FAIR Data Point. Ex.: VODAN FAIR Data Point, KIU FAIR Data Point, LUMC FAIR Data Point	KIU FAIR Data Point	CASE CLINIC FAIR Data Point	AAU Hospital FI MU Ayder Referral P		<a href="#">DSN FAIR Data Point</a>	<a href="#">DSN FAIR Data Point</a>	<a href="#">DSN FAIR Data Point</a>	<a href="#">DSN FAIR Data Point</a>
			This FAIR Data Point contains the metadata of datasets and other artefacts related to the COVID-19	This FAIR Data Point contains the metadata of datasets and other artefacts related to the			This FAIR Data Point contains the metadata of datasets and other artefacts related to the	This FAIR Data Point contains the metadata of datasets and other artefacts related to the COVID-19	This FAIR Data Point contains the metadata of datasets and other artefacts related to the COVID-19	This FAIR Data Point contains the metadata of datasets and other artefacts related to the COVID-19



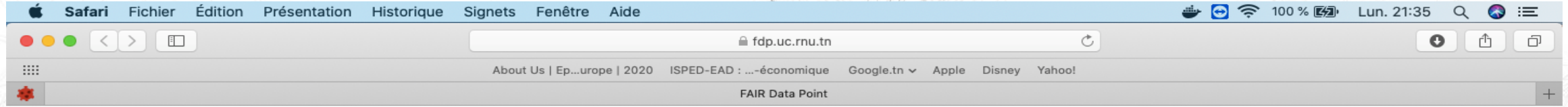
Scoping Exercise

FDP Deployment Teams

questions



Explorer



# VODAN FAIR Data Point



## US- FAIR Data Point



This FAIR Data Point contains the metadata of datasets and other artefacts related to the impact of COVID-19 crisis on health, social situation and mobility status of migrants from subshara Africa , hosted in Tunisia.

### Catalogs



#### [DRAFT] Media reports

This catalog contains national and international media reports published during the COVID-19 crisis and reporting events about migrants in Tunisia.

Issued 16-08-2020 Modified 16-08-2020

#### [DRAFT] Migrant interviews

This catalog contains transcribed interviews conducted among migrants in Tunisia.

Issued 16-08-2020 Modified 16-08-2020

Metadata Issued  
16-08-2020

Metadata Modified  
16-08-2020

Version  
1.0

Language  
en

License  
cc-by-nc-nd4.0

Institution  
www.uc.rnu.tn

Start date  
16-08-2020

Last update  
16-08-2020



# VODAN FAIR Data Point

AE

[US- FAIR Data Point](#) / [Media reports](#)

## [DRAFT] Media reports

Owner

- Publish
- Edit
- Settings
- Delete

This catalog contains national and international media reports published during the COVID-19 crisis and reporting events about migrants in Tunisia.

Metadata Issued  
16-08-2020

Metadata Modified  
16-08-2020

## Datasets

+ Create

### [DRAFT] Media report dataset

This dataset is the media reports data concerning event related to the impact of COVID -19 crisis on migrants in Tunisia.

- Q1932461
- Q84263196

Issued 16-08-2020 Modified 16-08-2020

Version  
1

Language  
en

License  
cc-by-nc-nd3.0

Issued  
16-08-2020

Modified  
16-08-2020

# VODAN FAIR Data Point

AE

[US- FAIR Data Point](#) / [Media reports](#) / Media report dataset

## [DRAFT] Media report dataset

Owner

- Publish
- Edit
- Settings
- Delete

This dataset is the media reports data concerning event related to the impact of COVID-19 crisis on migrants in Tunisia.

Metadata Issued  
16-08-2020

Metadata Modified  
16-08-2020

### Distributions

+ Create

#### [DRAFT] The media report in RDF

The RDF distribution of the Media report for migrants in Tunisia

Issued 16-08-2020 Modified 16-08-2020 Media Type  
<https://www.w3.org/TR/vocab-dcat-2/#bib-iana-media-types>

Version  
1

Language  
en

License  
cc-by-nc-nd3.0

Theme

- Q1932461
- Q84263196

Contact point



Data entry and Link to data

# CEDAR Metadata

- For making metadata with CEDAR, there are 3 steps:
  1. Create the MD form (or find an existing one)
  2. Complete the MD form (enter MD)
  3. Submit /Publish the MD form

# VODAN-Data –Migrants-Tunisia

Corona - Migration - press articles ☆ Enregistré dans Drive

Fichier Édition Affichage Insertion Format Outils Modules complémentaires Aide Dernière modification il y a 3 jours par Asma ben hadj hassan

100% Normal Arial 10.5 B I U A

1 sur 10

**Tunisie**

- **Facts**

Reportages sur la situation des migrants  
<https://www.theguardian.com/global-development/2020/apr/16/we-have-nothing-as-lockdown-bites-migrants-in-tunisia-feel-the-pinch>

Yossra Kallali: Réflexion sur l'impact de Covid-19 sur les migrants, et la migration  
<https://www.leaders.com.tn/article/30036-yossra-kallali-reflexion-sur-l-impact-de-covid-19-sur-les-migrants-et-la-migration>

<https://nawaat.org/portail/2020/04/23/confinement-la-detresse-des-migrants-subsahariens-en-tunisie/>

Les étudiants Tchadiens quittent le pays  
<https://www.afrikyes.com/actualite/vie-assocative/depart-des-etudiants-tchadiens-de-la-tunisie/>

Les subsahariens prient pour la Tunisie  
<https://www.youtube.com/watch?v=Pu3V-gZ0Cy8&feature=youtu.be>

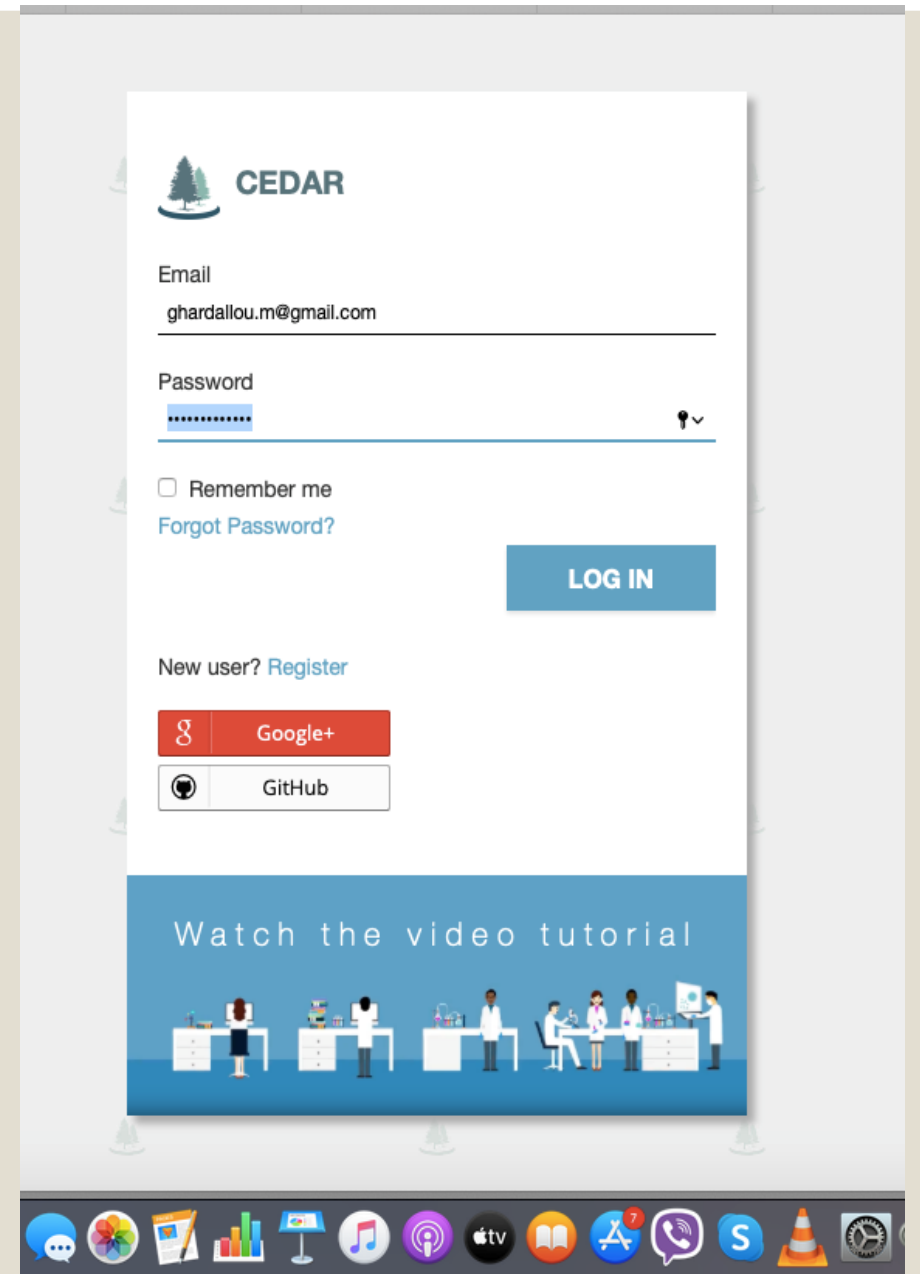
En Tunisie, les migrants subsahariens démunis face à la pandémie de coronavirus  
<https://www.jeuneafrique.com/915161/societe/en-tunisie-les-migrants-subsahariens-demunis-face-a-la-pandemie-de-coronavirus/>

53% of migrants lost jobs in Tunisia in COVID-19 lockdown  
<https://www.infomigrants.net/en/post/24614/53-of-migrants-lost-jobs-in-tunisia-in-covid-19-lockdown>



# Creation of an account on CEDAR

<https://metadatacenter.org/>



# Creation of the template

The screenshot shows a software interface for creating a data template. At the top, a dark header bar contains a back arrow, a document icon, the title "VODAN-COVID-Migrants-Tunisia", and three status icons (a circle, a lock, and a checkmark). Below the header, a table defines the template's structure:

Name	Identifier	Description
VODAN-COVID-Migrants-Tunisia		Data-Migrants-COVID-Tunisia

The main area displays five rows of field definitions, each with a set of icons (plus, hash, asterisk, pencil) and a delete icon (X) on the right:

- Field: `id-article` (Type: Text)
- Field: `Event-id-country` (Type: List)
- Field: `event-id-no-country` (Type: Text)
- Field: `event-date` (Type: Date)
- Field: `event-year` (Type: Text)

On the right side, a vertical toolbar contains icons for text (A), calendar, email, hash, ellipsis, and search. At the bottom right, a small inset window shows a preview of the data table. The macOS dock is visible at the very bottom of the screen.

# Sharing the template

The screenshot displays the CEDAR metadata center interface with a 'Share settings' dialog box open. The dialog box is titled 'Share settings' and contains the following elements:

- Select group:** A dropdown menu showing 'VODAN-TUNISIA' with a close icon (X).
- Add people:** A text input field with the placeholder 'enter user name'.
- Share settings:** A button with a right-pointing arrow.
- User list:** A list of users with checkboxes and 'admin' roles, each with a close icon (X).

Name	Role	Selected
Zohra Touati	admin	<input type="checkbox"/>
Asma ben hadj hassen	admin	<input type="checkbox"/>
Wiem Ben Hamouda	admin	<input type="checkbox"/>
mirjam van Reisen	admin	<input type="checkbox"/>
Morgane W	admin	<input type="checkbox"/>
Mariam Ghardallou	admin	<input checked="" type="checkbox"/>
- People / Details:** Two tabs at the bottom of the user list.
- DONE:** A button at the bottom right of the dialog.

The background interface shows the CEDAR logo, a search bar, and a sidebar with navigation options like 'New +', 'Workspace', 'Shared with Me', 'Shared with Everybody', and 'Community Folders'. There are also filter sections for 'TYPE', 'VERSION', and 'CATEGORIES'.

# Entry of DATA

The screenshot shows the CEDAR metadata center interface. The top navigation bar includes the CEDAR logo, a search bar, and user profile icons. The main content area is titled "All / Users / Mariem Ghardallou". On the left, there is a sidebar with a "New +" button, "Workspace" section, and filter options for "TYPE", "VERSION", and "CATEGORIES". The main table displays the following data:

Title	Created	Modified	
MD-migrants	8/15/20	8/15/20	⋮
test	8/15/20	8/15/20	⋮
VODAN-COVID-Migrants-Tunisia	7/11/20	10:31 AM	0.0.2 [lock] [share] ⋮
VODAN-Migrants-Tunisia	6/28/20	7/11/20	0.0.1 [lock] ⋮

Below the table, it says "Displaying 1 - 4 of 4".

This screenshot shows a detailed view of the "MD-migrants" folder within the CEDAR metadata center. The breadcrumb path is "All / Users / Mariem Ghardallou / MD-migrants". The left sidebar is similar to the previous screenshot but includes a "Workspace" section. The main table displays the following data:

Title	Created	Modified	
Copy of VODAN-COVID-Migrants-Tunisia metadata-22	8/15/20	8/15/20	⋮
Copy of VODAN-COVID-Migrants-Tunisia metadata-23	8/15/20	8/15/20	⋮
Copy of VODAN-COVID-Migrants-Tunisia metadata-25	8/15/20	8/15/20	⋮
Copy of VODAN-COVID-Migrants-Tunisia metadata-26	8/15/20	8/15/20	⋮
Copy of VODAN-COVID-Migrants-Tunisia metadata-27	8/15/20	8/15/20	⋮
Copy of VODAN-COVID-Migrants-Tunisia metadata-27	8/15/20	8/15/20	⋮
Copy of VODAN-COVID-Migrants-Tunisia metadata-31	8/15/20	8/15/20	⋮
Copy of VODAN-COVID-Migrants-Tunisia metadata-32	8/15/20	8/15/20	⋮
VODAN-COVID-Migrants-Tunisia metadata-21	8/6/20	8/15/20	⋮

At the bottom, it says "Displaying 1 - 9 of 9".



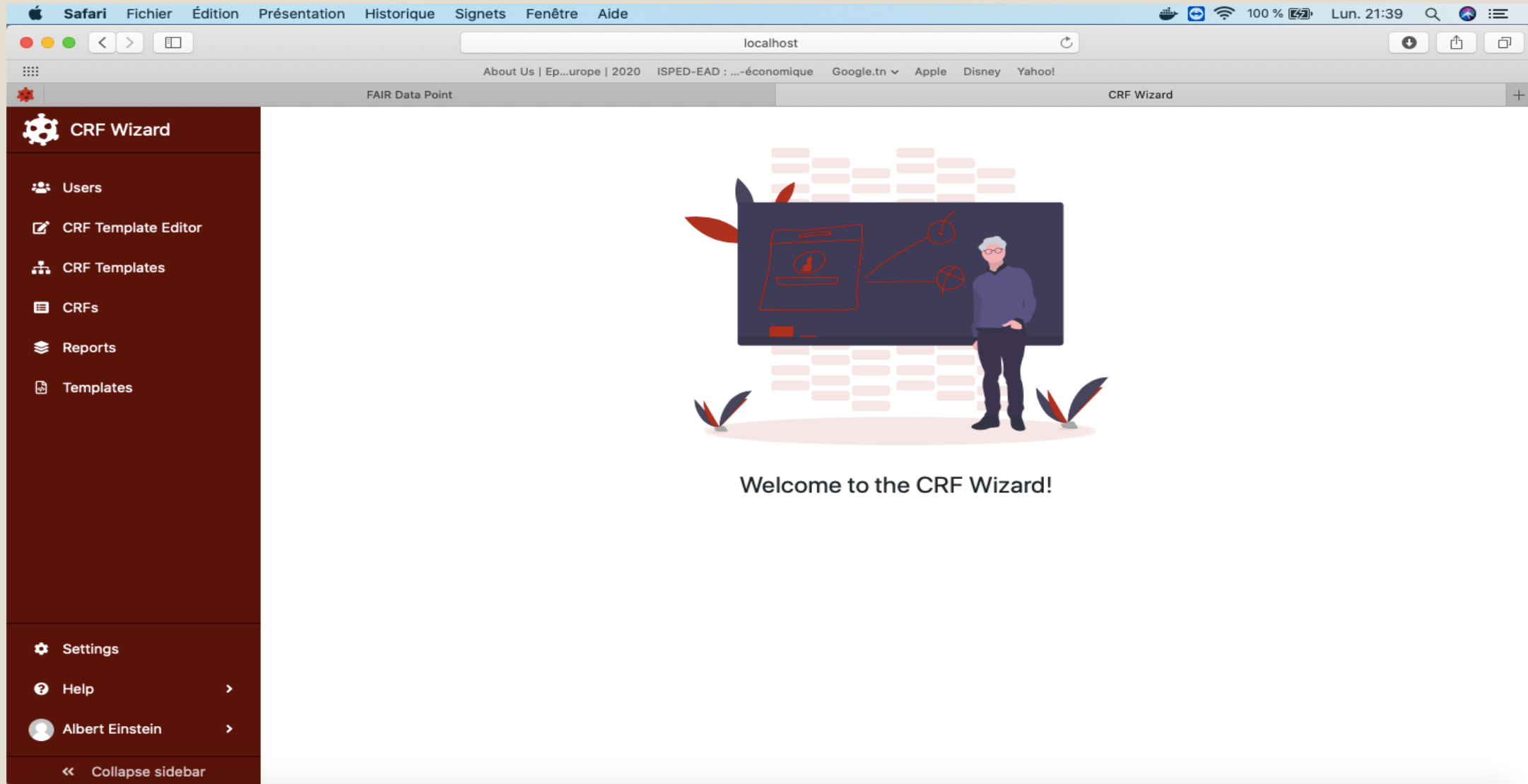
# Difficulties for the use of CEDAR Platform

**How to publish MD???**

**Manually copy MD using the user interface or another way ?**

# Metadata with CRF Wizard

<http://localhost:8080/dashboard>



The image shows a screenshot of a web browser displaying the CRF Wizard dashboard. The browser is Safari, and the address bar shows 'localhost'. The dashboard has a dark red sidebar on the left with the following menu items: CRF Wizard (with a gear icon), Users, CRF Template Editor, CRF Templates, CRFs, Reports, and Templates. At the bottom of the sidebar are Settings, Help, and Albert Einstein (with a profile icon). A 'Collapse sidebar' button is at the very bottom. The main content area is white and features a central illustration of a man in a blue shirt and glasses standing next to a large dark blue screen. The screen displays a diagram of a CRF form with red lines and arrows. Below the illustration, the text 'Welcome to the CRF Wizard!' is displayed. The browser's top bar shows the time as 'Lun. 21:39' and the battery level at '100%'.

# Creation of new template with CRF Wizard

The screenshot shows the CRF Wizard web application running in a Safari browser. The browser's address bar displays the URL `dsw.fdp.uc.rnu.tn`. The application interface is divided into a dark red sidebar on the left and a main content area on the right.

**Sidebar (Left):**

- CRF Wizard (with gear icon)
- Users (with people icon)
- CRF Template Editor (with pencil icon)
- CRF Templates** (with list icon, highlighted)
- CRFs (with document icon)
- Reports (with bar chart icon)
- Templates (with document icon)
- Settings (with gear icon)
- Help (with question mark icon)
- Albert Einstein (with profile icon)
- << Collapse sidebar

**Main Content Area (Right):**

The main content area is titled "CRF Template" and features an "Import" button in the top right corner. It displays a list of two CRF templates:

- VODAN-Tunisia 0.0.4**  
votan:TN:0.0.4 · VODAN-Tunisia-Migrants  
Updated about 7 hours ago
- WHO COVID-19 Case Report Form 0.1.3**  
votan:who-covid19-crf:0.1.3 · WHO COVID-19 Case Report Form  
Updated about 1 month ago

# Creation of new template with CRF Wizard

The screenshot shows the CRF Wizard web application running in a Safari browser. The browser's address bar displays the URL `dsw.fdp.uc.rnu.tn`. The application interface is divided into several sections:

- Header:** Includes navigation tabs for "CRF TEMPLATE", "TAGS", and "PREVIEW". A "Close" button is located in the top right corner.
- Left Sidebar:** A dark red sidebar with a gear icon and the text "CRF Wizard". It contains a list of menu items: "Users", "CRF Template Editor", "CRF Templates", "CRFs", "Reports", and "Templates". At the bottom, there are "Settings", "Help", and "Albert Einstein" (with a profile picture icon), and a "Collapse sidebar" button.
- Main Content Area:**
  - CRF Template:** The main heading, with a file icon and ID "9e8dafc2" to its right.
  - Name:** A text input field containing "VODAN-Tunisia".
  - Chapters:** A list of four chapters, each in a light gray box with a red underline: "Events", "Statistics", "Actors/countries/cities", and "Source". Below this list is a "+ Add chapter" button.
  - Tags:** A section with a "+ Add tag" button.
  - Integrations:** A section with a "+ Add integration" button.
- Navigation:** A secondary sidebar on the left of the main content area shows a tree view for "VODAN-Tunisia" with sub-items: "Events", "Statistics", "Actors/countries/cities", and "Source". It includes "Expand all" and "Collapse all" options.

# Testing the MD entry with CRF Wizard

The screenshot displays the CRF Wizard application interface. On the left is a dark red sidebar with navigation options: CRF Wizard (gear icon), Users (people icon), CRF Template Editor (pencil icon), CRF Templates (list icon), CRFs (list icon, highlighted), Reports (stack icon), and Templates (document icon). At the bottom of the sidebar are Settings (gear icon), Help (question mark icon), and Albert Einstein (user profile icon). A 'Collapse sidebar' button is at the very bottom.

The main content area is titled 'CRFs' and features a 'Create' button in the top right. Below the title is a search and filter section with a 'Filter by name...' input field and an 'Identifier' dropdown menu. The main area contains a list of three CRF entries:

CRF ID	Status	Identifier	Version	Answers	Last Updated
01	outdated	VODAN-Tunisia	0.0.2 (vodan:TN:0.0.2)	12/17	Updated 10 days ago
02	outdated	VODAN-Tunisia	0.0.2 (vodan:TN:0.0.2)	12/17	Updated 10 days ago
03		VODAN-Tunisia	0.0.4 (vodan:TN:0.0.4)	15/45	Updated 9 days ago

At the bottom of the image is a Windows taskbar with various application icons including File Explorer, Calendar, Photos, Mail, Edge, and several office applications.

# Difficulties : Creation of reports !!

The screenshot displays the CRF Wizard application interface. On the left is a dark red sidebar with navigation options: CRF Wizard, Users, CRF Template Editor, CRF Templates, CRFs (highlighted), Reports, Templates, Settings, Help, and Albert Einstein. The main area is titled 'CRFs' and features a 'Create' button in the top right. Below the title are search filters: 'Filter by name...' and 'Identifier' with a dropdown arrow and a downward arrow icon. The main content area lists three CRFs:

CRF ID	Status	Name	Version	Answers	Updated
01	outdated	VODAN-Tunisia	0.0.2 (vodan:TN:0.0.2)	Answered 12/17	Updated 10 days ago
02	outdated	VODAN-Tunisia	0.0.2 (vodan:TN:0.0.2)	Answered 12/17	Updated 10 days ago
03		VODAN-Tunisia	0.0.4 (vodan:TN:0.0.4)	Answered 15/45	Updated 9 days ago

At the bottom of the image, a Windows taskbar is visible with various application icons including the Start button, File Explorer, Calendar, Photos, Mail, Teams, Edge, and several productivity applications like Word and PowerPoint.



**THANK YOU FOR YOUR  
ATTENTION**