



Cadi Ayyad University (UCAM)

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UCAM in brief..



KEY FIGURES

Structures

- **1978** : date of creation
- **13** faculties in **4** Towns by **2** regions
- **155** learning programs
- **29** professional learning programme
- **64** research Labos + 82 recherche teams
- **3** Doctoral Colleges
- **15** CNRST associated research units
- **03** international mix laboratories
- **01** IRD mix'unit, noted **A+** by the AERES
- **02** National Research Centers
- **01** Technology Transfer Center (CAC)
- **02** Observatories (OUCA & OTMA)
- **01** Natural History of Marrakesh Museum
- **01** Center of Mathematics (+2 in progress)

Marrakech :

- Faculté des Sciences SEMLALIA
- Faculté des Lettres et Sciences Humaines
- Faculté des Sciences Juridiques Economiques & Sociales
- Faculté des Sciences et Techniques
- Faculté de Médecine et de Pharmacie
- Ecole Nationale deS Sciences Appliquées
- école Nationale de Commerce et de Gestion
- École Normale Supérieure

Essaouira :

- Ecole Supérieure de Technologie

El Kelaa des Sraghna :

- centre universitaire polydisciplinaire

Safi :

- Ecole Supérieure de Technologie
- Faculté Polydisciplinaire
- école Nationale des Sciences Appliquées

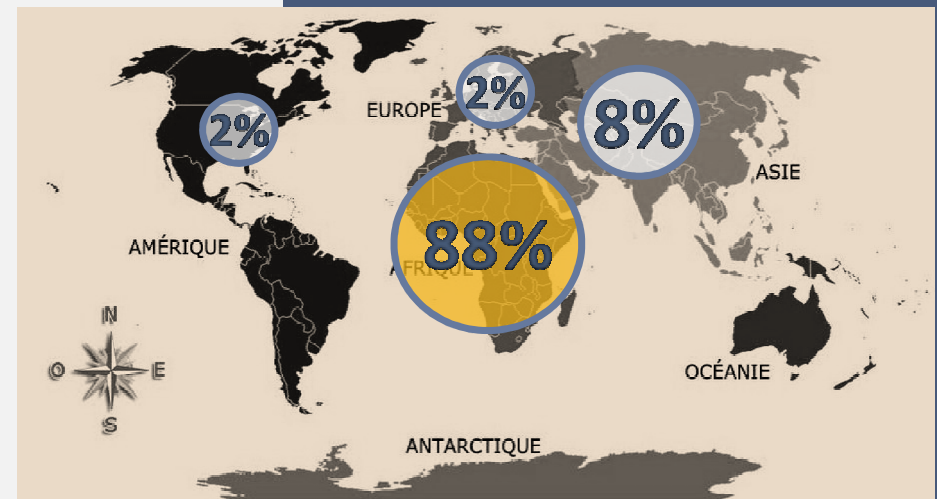
KEY FIGURES

Population

- **+69700** Students (Undergraduate + Graduate levels)
 - Female gender is 47%
- **1350** PhD students
- **+500** foreign students
- **+50** Nationalities
- **+6300** Degrees for 2013/2014

- **2269** of staff,
 - **1447** professors,
 - **822** of technical staff

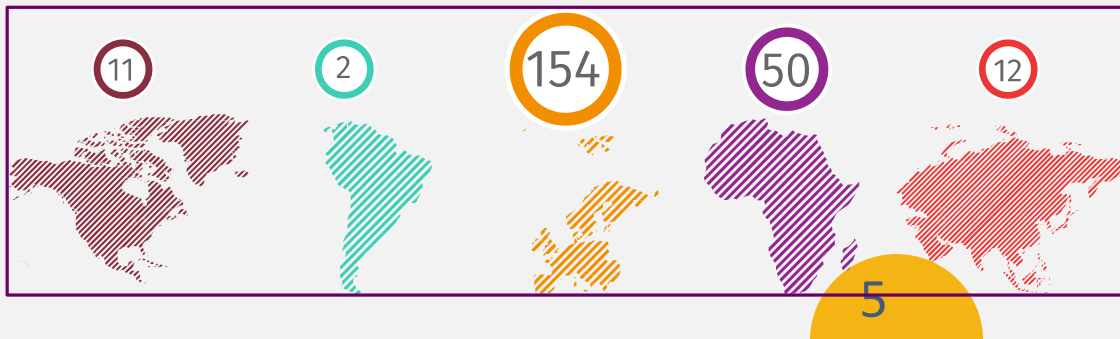
Foreign students origins



KEY FIGURES

Collaboration

- **21** Tempus projects
- **6** International Programs (co-diplomas)
- **97** International research projects
- **34** National research projects
- **+456** Cooperation agreements
- **38** new joint supervision thesis in 2013/2014
- **+150** Scientific events /year



UCAM is also :

150 M.MAD (13 M.€)

Within **9.5%** of
collaboration and industrial
incomes

UC@MOOC

- UCAM is referenced as leader of MOOCs in Africa
- UC@MOOC is a digital revolution settled in the UCAM for:
 - Overcome the deficit in HR;
 - Reduce the failure rate of students;
 - Improve employability.

← → ↻ 🏠 <http://mooc.uca.ma> 🔍 ⭐ 🌐

UC@MOOC

Accueil A propos Les Cours Enregistrez vos cours La presse en parle

Bienvenue sur ce nouveau service en Accès libre !

L'UCA vous ramène à l'ère de l'apprentissage en ligne à la manière des MOOC, Participez à l'enrichissement de cette expérience grâce à vos commentaires et suggestions.

Prêts pour cette aventure ? Commencez par consulter :

📁 Liste des cours par Etablissement - 📁 Liste des cours par Champ disciplinaire -

SPOT UCAMOOC YouTube

SCIENCE & TECHNOLOGIE

SCENES ANIMÉES ECONOMIE LETTRES & LINGUISTIQUE

العلوم التطبيقية

MÉDECINE & PHARMACIE HISTOIRE

العلوم التطبيقية

GÉOLOGIE INFORMATIQUE

العلوم التطبيقية

CHIMIE SCIENCES DE L'ÉDUCATION DÉVELOPPEMENT DURABLE

0:00 / 1:22

Cours récents :

<p>Partie B: Les opérations courantes de l'exercice</p> <p>Chapitre 7 Durée 00:49:01 Module : Comptabilité 1</p> <p>Par Pr. Mohamed LAKLALECH</p> <p>ALLER AU COURS ></p>	<p>Chapitre 4: L'organisation comptable</p> <p>Chapitre 6 Durée 00:24:31 Module : Comptabilité 1</p> <p>Par Pr. Mohamed LAKLALECH</p> <p>ALLER AU COURS ></p>	<p>L'Aventure de la Mondialisation</p> <p>01:09:02 Module : L'Aventure de la Mondialisation</p> <p>Par Pr. Edgar MORIN</p> <p>ALLER AU COURS ></p>
<p>Chapitre 5: Le plan comptable</p> <p>Chapitre 5 Durée 00:12:02 Module : Comptabilité 1</p> <p>Pr. Mohamed LAKLALECH</p> <p>ALLER AU COURS ></p>	<p>2. التمثال بين الزوجية والقرابة</p> <p>قانون الأسرة: انحلال ميثاق الزوجية وإثارة Durée 01:08:28 Module : قانون الأسرة</p> <p>Pr. الطيف البنناسي</p> <p>ALLER AU COURS ></p>	<p>1. الزواج</p> <p>قانون الأسرة: الأهلية والولاية والصداق Durée 01:23:05 Module : قانون الأسرة</p> <p>Pr. الطيف البنناسي</p> <p>ALLER AU COURS ></p>

Branchez-vous tout de suite ...

Consultez notre bibliothèque et laissez-nous savoir ce que vous en pensez.

Restez informés de chaque nouvel ajout dans cette bibliothèque.

Vous êtes Enseignant à l'UCA et souhaitez enrichir cette expérience ?

UC@MOOC

UC@MOOC meets a real need as evidenced by analytics (of jan,2015) :

1 600 000
visits

6 640 000
minutes seen

245
Online courses

60
New courses in post-editing step

Valorisation of Research

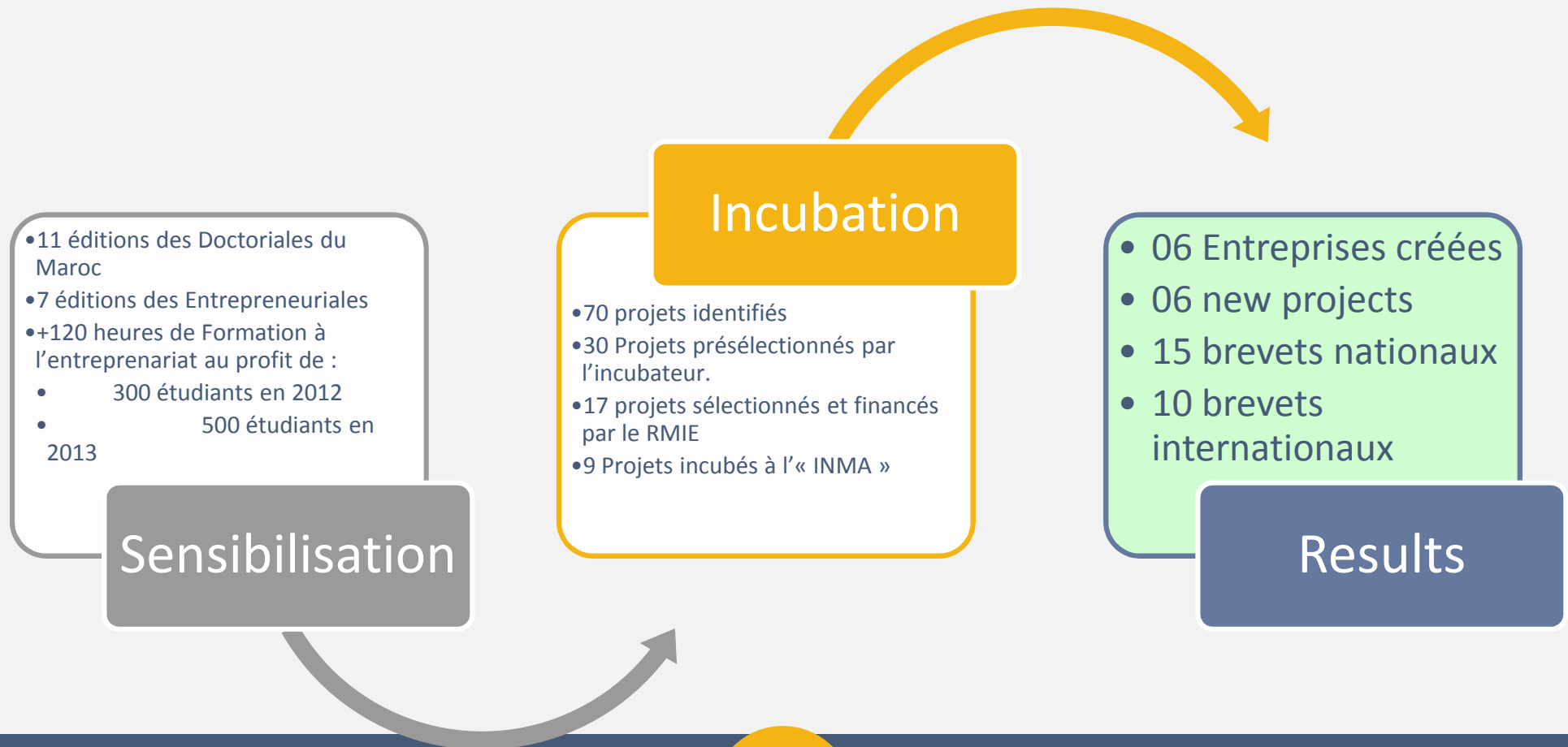
Valorisation mechanisms

- Incubation of business projects
- Technological services via:
 - 02 National Research Centres
 - 01 Technology Transfer Centre
 - 02 Observatories
 - 01 Natural History Museum
 - Professional Education
- City of Innovation



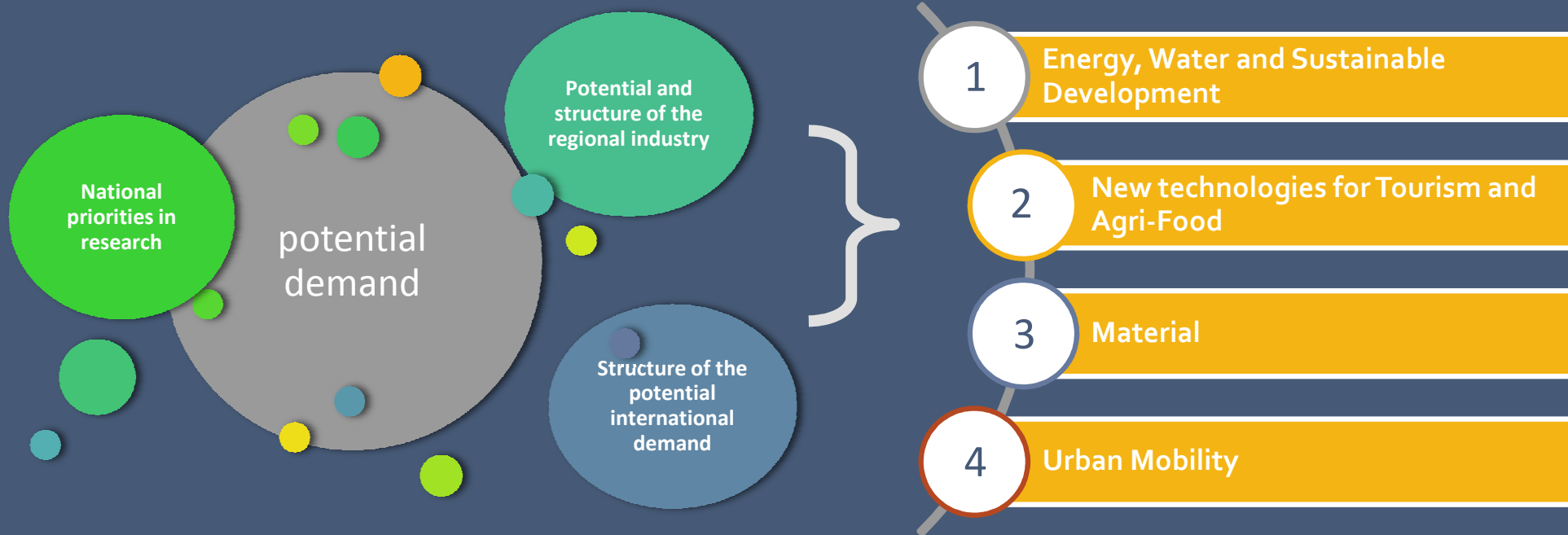
Valorisation of Research

Valorisation is a long process



Valorisation of Research

Identification of four societal research topics



AU COEUR DE SA RÉGION,
votre université s'investit dans le futur et prépare
LA CITÉ DE L'INNOVATION DE MARRAKECH
à partir de 2015

UNIVERSITE CADI AYYAD
MARRAKECH



جامعة القاضي عياض
مراكش



Ministère de l'Enseignement Supérieur,
de la Recherche Scientifique et de la
Formation des Cadres



Ministère de l'Industrie, du Commerce,
de l'Investissement et de l'Économie
Numérique



Ministère de l'Économie et des
Finances

LE FUTUR

ACCÉLÉRATEUR DE COMPÉTITIVITÉ

DE LA RÉGION

MARRAKECH-TENSIFT-ELHAOUZ

10000 m², 4 NIVEAUX, ABRITANT :

- + UN INCUBATEUR
- + UNE PÉPINIÈRE D'ENTREPRISES
- + UN CENTRE DE TRANSFERT
- + DES PLATEFORMES TECHNOLOGIQUES
- + DES LABORATOIRES DE RECHERCHE
- + DES BUREAUX POUR ENTREPRISES
- + DES SERVICES COMMUNS

4 THÉMATIQUES
DE RECHERCHE
SOCIÉTALES

- 1- ÉNERGIES, EAU ET DÉVELOPPEMENT DURABLE
- 2- NOUVELLES TECHNOLOGIES DU TOURISME ET DE L'AGROALIMENTAIRE
- 3- MATÉRIAUX
- 4- MOBILITÉ URBAINE



CENTRE DE
TRANSFERT

LABORATOIRES
DE RECHERCHE

PLATEFORMES
TECHNOLOGIQUES

INCUBATEUR
& PÉPINIÈRE

BUREAUX POUR
ENTREPRISES

EN ATTENDANT, **LE CAC** -CENTRE D'ANALYSE
ET DE CARACTÉRISATION- EST À VOTRE SERVICE..

New campus

The first integrated academic campus of the UCAM in Tamansourt

- **165 hectares** for Strengthening its capacity & diversify its training program
- **1,1 billion of MAD (€100 Million)**
- **10 000** new seats / year, from 2015
- **60 000** global new seats



WHAT IS RESEARCH FOR UCAM?

Research is a collaborative activity by nature..

- This means access to:
 - leading edge know how,
 - funds from foreign institutions and programs,
 - Shared resources (platforms and documentation) to study and resolve complex problems,
 - ...

WHAT DID UCAM GAIN?

UCAM gained its reputation as a reliable long-term partner

- Our "historical" partners are from **+580 organizations**:

- 105 from France,
- 86 from USA,
- 42 from Germany,
- 32 from Spain,
- 28 from United Kingdom,
- 27 from Italy...



Sources : SCOPUS/ELSEVIER (2014)

WHAT DID UCAM GAIN?

UCAM gained its reputation as a reliable long-term partner

- Web of Science is confirming :
 - Publications of 2013/2014 are co-authored by **partners** from **+500 organizations** trough **77 countries**

Sources : WEB OF SCIENCE

The screenshot displays a search results page from Web of Science. The search criteria are 'ORGANIZATION-ENHANCED: (University of Marrakech Cadi Ayyad) ...More'. The 'Refine Results' section is active, showing a list of countries/territories with their respective record counts. The list is sorted by record count, with Morocco having the highest count at 582. Other countries with significant counts include France (325), Spain (162), Italy (147), Canada (144), USA (143), Portugal (140), Sweden (134), Germany (134), Switzerland (132), England (131), Australia (130), Peoples R China (128), Scotland (127), Poland (127), Japan (127), Austria (127), Netherlands (126), Argentina (126), Russia (125), Denmark (125), Taiwan (123), South Africa (123), Romania (123), Israel (123), and Hungary (123). Other countries listed include Greece (123), Czech Republic (123), Brazil (123), Turkey (122), Slovenia (122), Serbia (122), Norway (122), Colombia (122), Chile (122), Armenia (122), Slovakia (121), Rep of Georgia (121), Byelarus (121), Azerbaijan (121), India (78), Mexico (45), Algeria (13), Tunisia (12), Malaysia (9), Senegal (8), Belgium (8), Cameroon (5), Vietnam (4), U Arab Emirates (2), Saudi Arabia (2), Madagascar (2), Lebanon (2), Indonesia (2), Burkina Faso (2), Bulgaria (2), Zimbabwe (1), Wales (1), Venezuela (1), Uruguay (1), Thailand (1), Sri Lanka (1), Philippines (1), Pakistan (1), Oman (1), Niger (1), New Zealand (1), Luxembourg (1), Kenya (1), Jamaica (1), Iran (1), Guatemala (1), Gabon (1), Finland (1), Ecuador (1), Cuba (1), Bolivia (1), and Benin (1).

INTERNATIONAL RESEARCH COLLABORATION

UCAM is also leading some fields

- UCAM is an **international leader** in 6 research competencies :
 - Organic Chemistry; Flavors & Fragrance;
 - Microbiology; Biotechnology; Plant Disease; Systematics & Evolutionary Microbiology
 - Crystallography;
 - Heat Transfer
 - Solar & Wind Power
 - Radiation Protection

- **UCAM is a reference** for 2 competencies :
 - **Energy Fuel**
 - **Electrochemistry**

Sources : ELSEVIER (2013)

LOCAL IMPACTS?

We know how to manage

- Thanks to collaborative research, UCAM is becoming a core institution in local development :
 - We revised training programs to fit the needs of the socio-economic environment and international research trends,
 - We will focus on 4 societal research areas for the 4 next years:
 - Energy, Water and Sustainable Development
 - New technologies for Tourism and Agri-Food
 - Materials
 - Urban Mobility

SO, UCAM IS STILL INVESTING!..

From individual works to extended networks

- 140 agreements signed in last four years where +90 are concerning research collaboration..
- 38 new joint supervision thesis signed in 2013/2014

SO, UCAM IS STILL INVESTING!..

- UCAM is offering its researchers many incentives to be able to spot good opportunities and enter into international partnerships.

Three own funding were set up :

- Funding international mobility for researchers
 - **1.2Million MAD for 155 travels/stays**
- Sponsoring/co-funding international scientific manifestations
 - **1Million MAD for 55 manifestations (from 1/2014 to 7/2014)**
- Introducing of a new funding for kick-off meetings
 - **will come into effect by 2015**

THIS IS WHAT UCAM IS BECOMING.. AND WOULD STILL!

1st, in Morocco, Maghreb and MENA region..

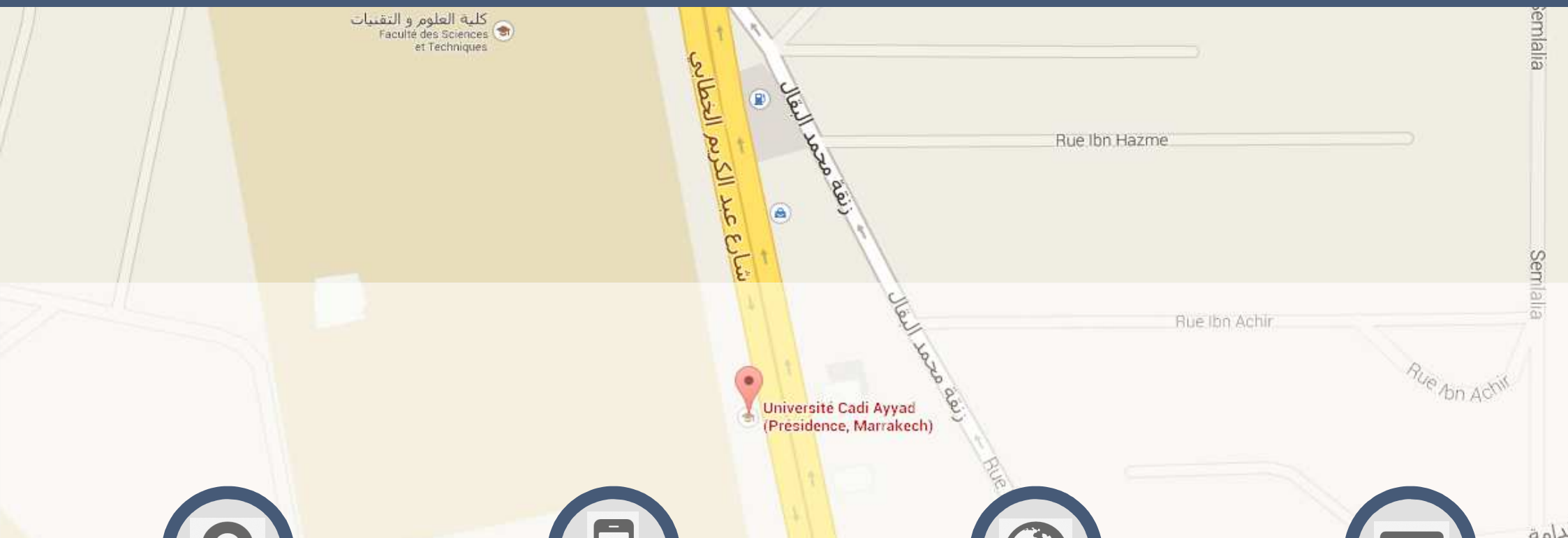


1ÈRE AU MAGHREB, 1ÈRE EN AFRIQUE DU NORD, 3ÈME AU MONDE ARABE, 6ÈME EN AFRIQUE...



1ÈRE AU MAGHREB, 1ÈRE EN AFRIQUE DU NORD, 1ÈRE AU MONDE ARABE, 4ÈME EN AFRIQUE...

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THANK YOU!

