

# ***Establishing National Technology Development and System in Selected ESCWA Member states***



## **Role of ANPR in Boosting Technology Transfer in Tunisia and with Western Asia countries (Egypt, Morocco, Lebanon and Oman)**



***National Agency for Scientific Research Promotion***

***Souad BOUSSAID  
FOCAL POINT FOR ESCWA PROJECT***








***09/12/2015***

***A1.1 National Stakeholder workshop***

# ***NATIONAL AGENCY FOR SCIENTIFIC RESEARCH Promotion***



## **PLAN**

-  ANPR (status/missions and activities)
-  Tools and instruments established by ANPR for TT
-  Position of ANPR in TT
-  TTOs missions and challenges
-  Steps done by ANPR to implement TTO
-  Benefits of NTTO
-  Topics to discuss

# ***NATIONAL AGENCY FOR SCIENTIFIC RESEARCH PROMOTION***



## **STATUS**

A Scientific and Technical Research Public Establishment under the authority of the MESRS. It has its financial and administrative autonomy. It was Established in 2008 and started its activities in 2010.



# **NATIONAL AGENCY FOR SCIENTIFIC RESEARCH PROMOTION**



## **MISSIONS**

- Manage International Projects
- **Support** Technology Transfer offices in universities (13 referents) and 1 reaserch center
- Assist public structures in strengthening their capacities of innovation
- Assist public structures in financial management Projects

# ***NATIONAL AGENCY FOR SCIENTIFIC RESEARCH PROMOTION***



## **ACTIVITIES**

### **NETWORKING**

Visibility, International cooperation

### **COMMUNICATION**

Digital communication, seminars and conferences,.....

### **MANAGEMENT**

Stakeholder, partner or coordinator of several international projects

### **INTERFACING**

Matching research-industry (offer- demand)

### **CONTRIBUTING**

in establishing R&D National Strategy: Member in committees of higher-level reflection (national priorities and action plan)



## INTERNATIONAL PROJECTS OF ANPR



**Coordinator for Governance Interfacage and Networking**



**Partner: UE/Tunisia: Enhance the synergy between S&T and Reaserchers**



**Partner: UE/Tunisia: Capacity bulding: Management of European projects**



**Associated member in Academic Mobility**



**Support reaserchers who wants to apply for calls and/or writing proposals**

## INTERNATIONAL PROJECTS OF ANPR



 **Coordinator: Strengthening the role of associations in the national innovation system**



 **Coordinator in ESCWA Project for establishing NTTO in Western Asia Countries**



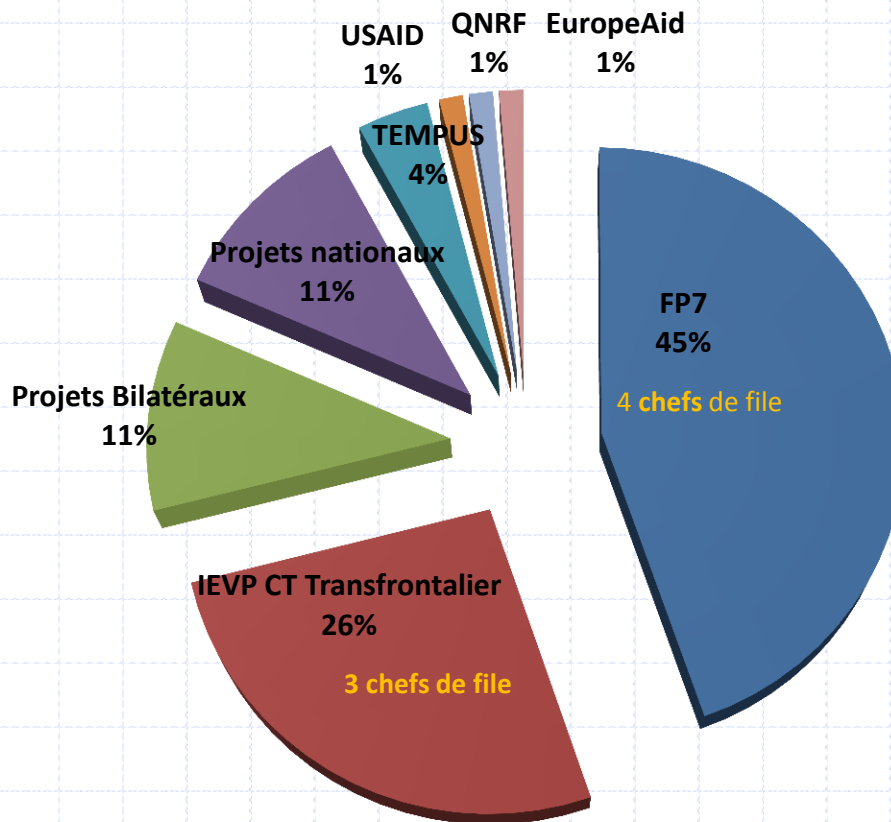
 **Participant in commercial Law Development Program of United states Technical assistance for promoting innovation through TTOs installed in Tunisia**



 **Collaboration with JICA for trainings and assistance in TT thématique Cluster**












## FINANCIAL MANAGEMENT PROJECTS

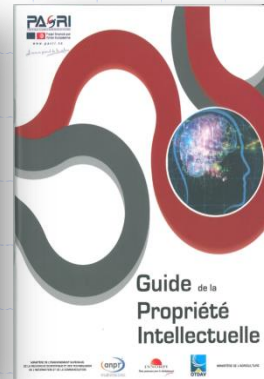




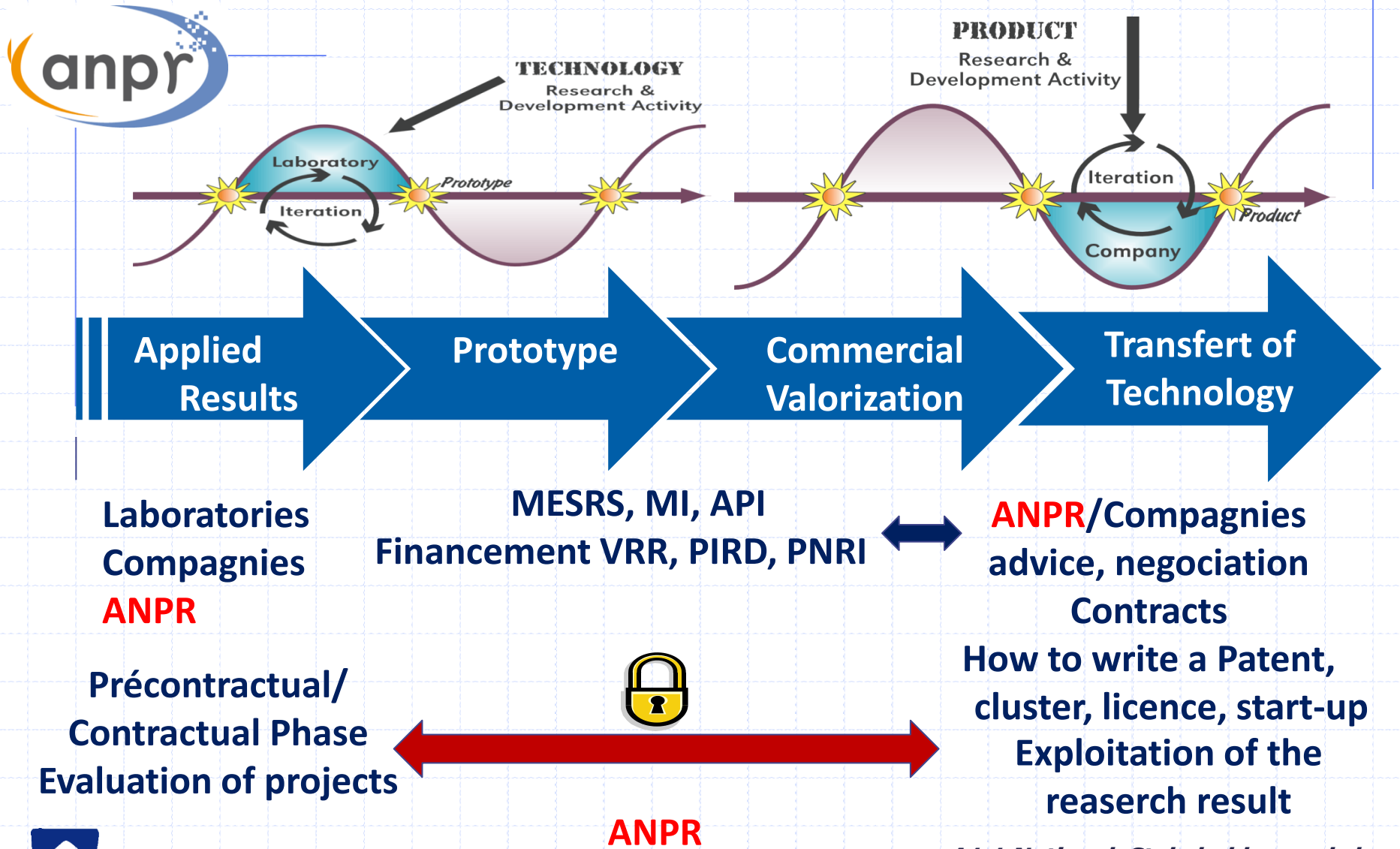
# TOOLS AND INSTRUMENTS ESTABLISHED BY ANPR FOR TT



-  **2012:** First **Dispositif of TTOs**
-  **2012/2013:** 243 agreements were signed for **Mobidoc** PHd students
-  **2015:** Establishment of **SNI Portal on line**
-  **71 Trainings** for 208 participants for Management of programs, TT and innovation
-  **Foreign studies visits** for 70 participants
-  **34** Training sessions and 2 coaching sessions in **H2020** program
-  Publishing an **Intellectual Proprety Guide**
-  Publishing **Manuel of contrat négociation**
-  Creation of **unit between ANPR/APII for start -up**



# POSITION OF ANPR IN TT



# **TTO MISSIONS AND CHALLENGES**



**The ANPR assists public research structures in the areas :**

- Intellectual property protection process management**
- Exploitation of research results and technology transfer:**
- Clustering, licensing, Understand and meet the requests of businesses, start-ups**



**This assistance is about guaranteeing security to any valuable results of collaborative research from the pre-contractual phase to the exploitation phase of the assets derived from such research.**



# ***TTO MISSIONS AND CHALLENGES***



- **Absorb the complexity of these missions**



- **Represent the best interests of the researchers and the University**



- **Highlight the skills, knowledge, expertise researchers from companies**

## ***STEPS DONE BY ANPR TO IMPLEMENT TT***



**2011: Phase 1:** Convention between ANPR and INNORPI and establishment of Terms of Reference for the implementation of TTOs in each research structure

**Non prohibitive result (lack of the ressources, ...etc)**



**2014: Phase 2:** ANPR TTO work with 13 universitie referents and 1 research center

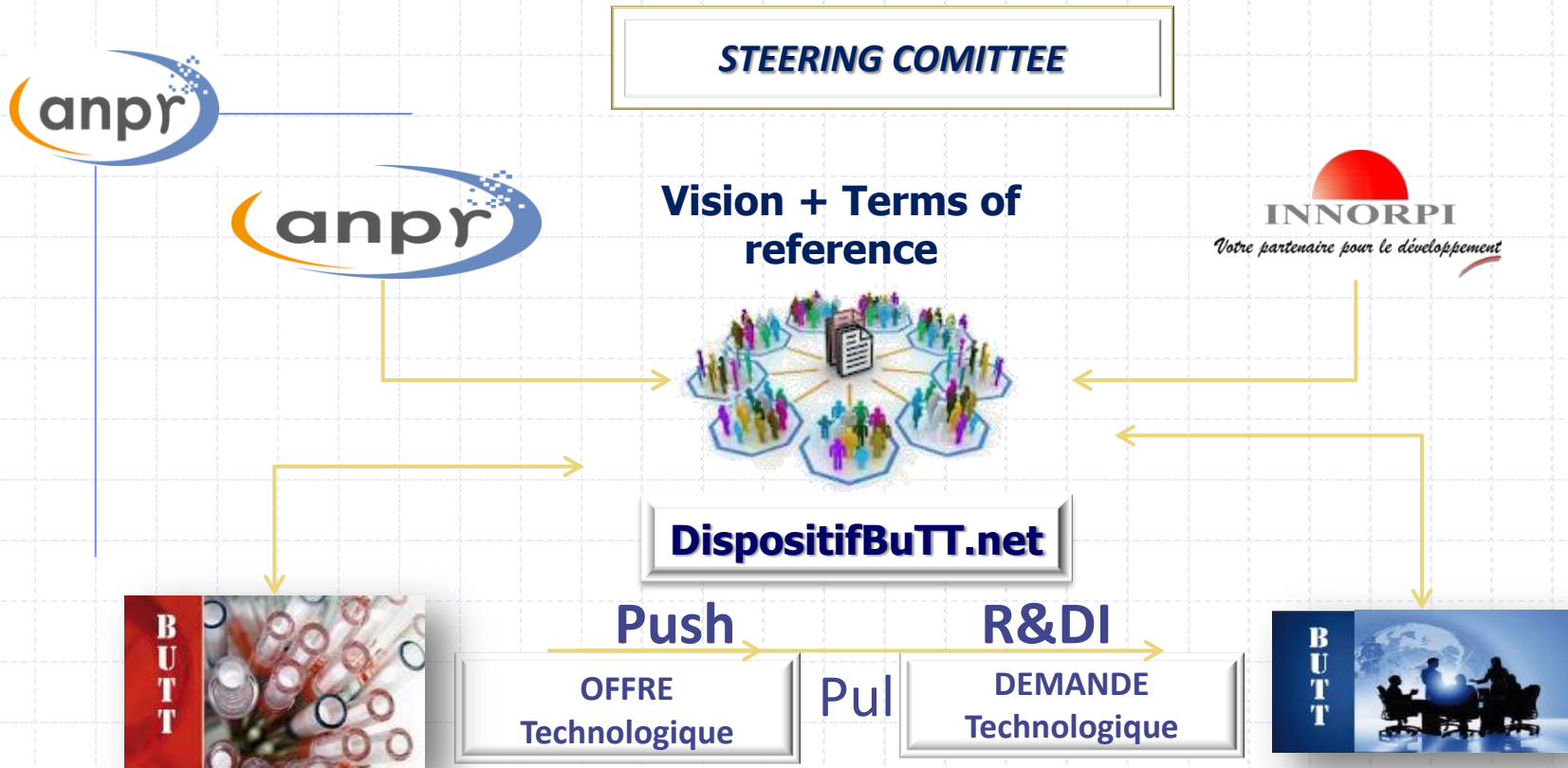
- **Financing /Setting up/Assistance/National and international Training but ....we need to optimize this mecanism.**



**2015: Phase 3:** ANPR TTO will also coordinate with western Asia Countries

- **National Transfert Technology Office**

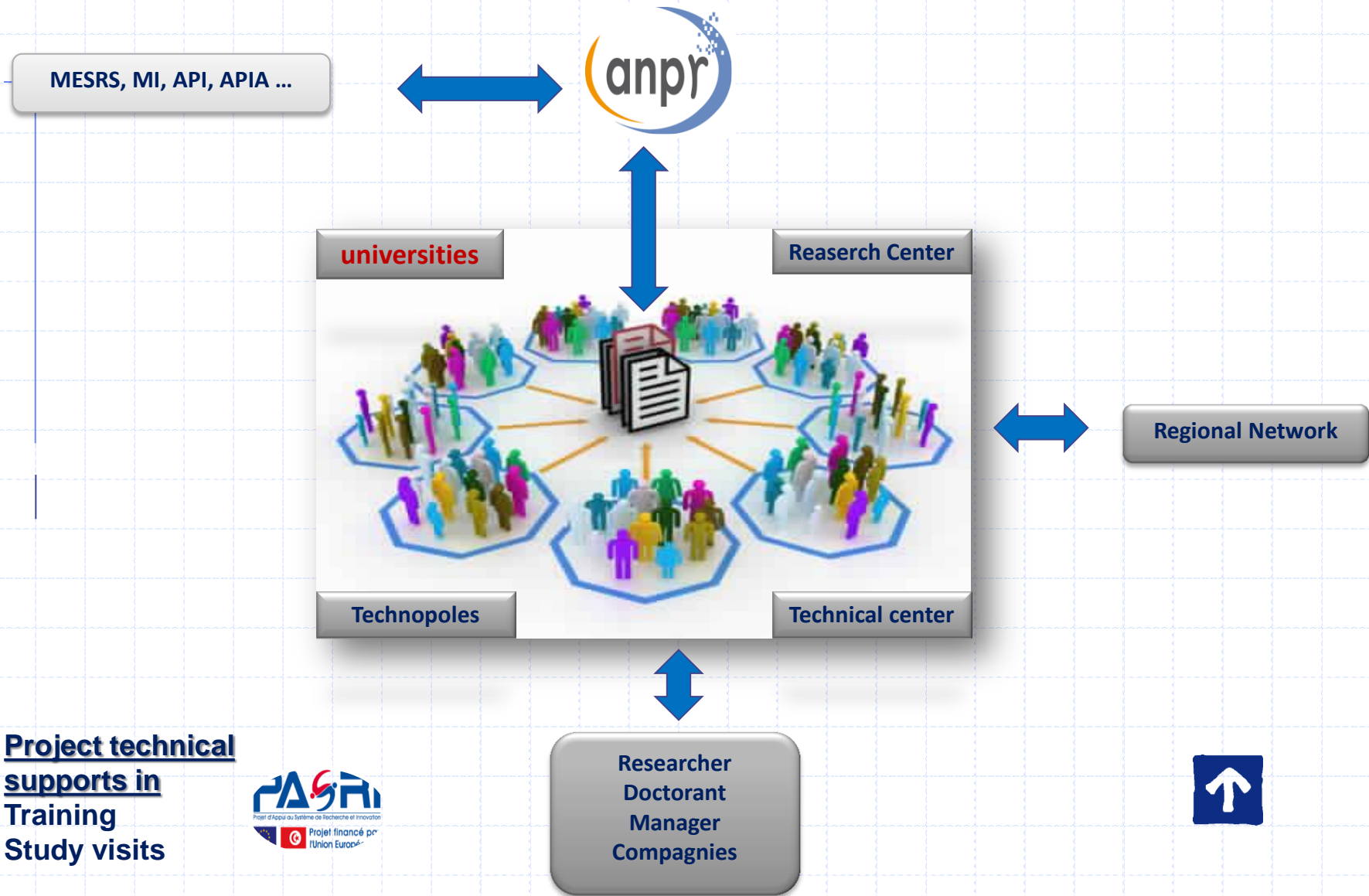
# PHASE 1



**Projets Supports**  
– Assistance –  
Formation - ...



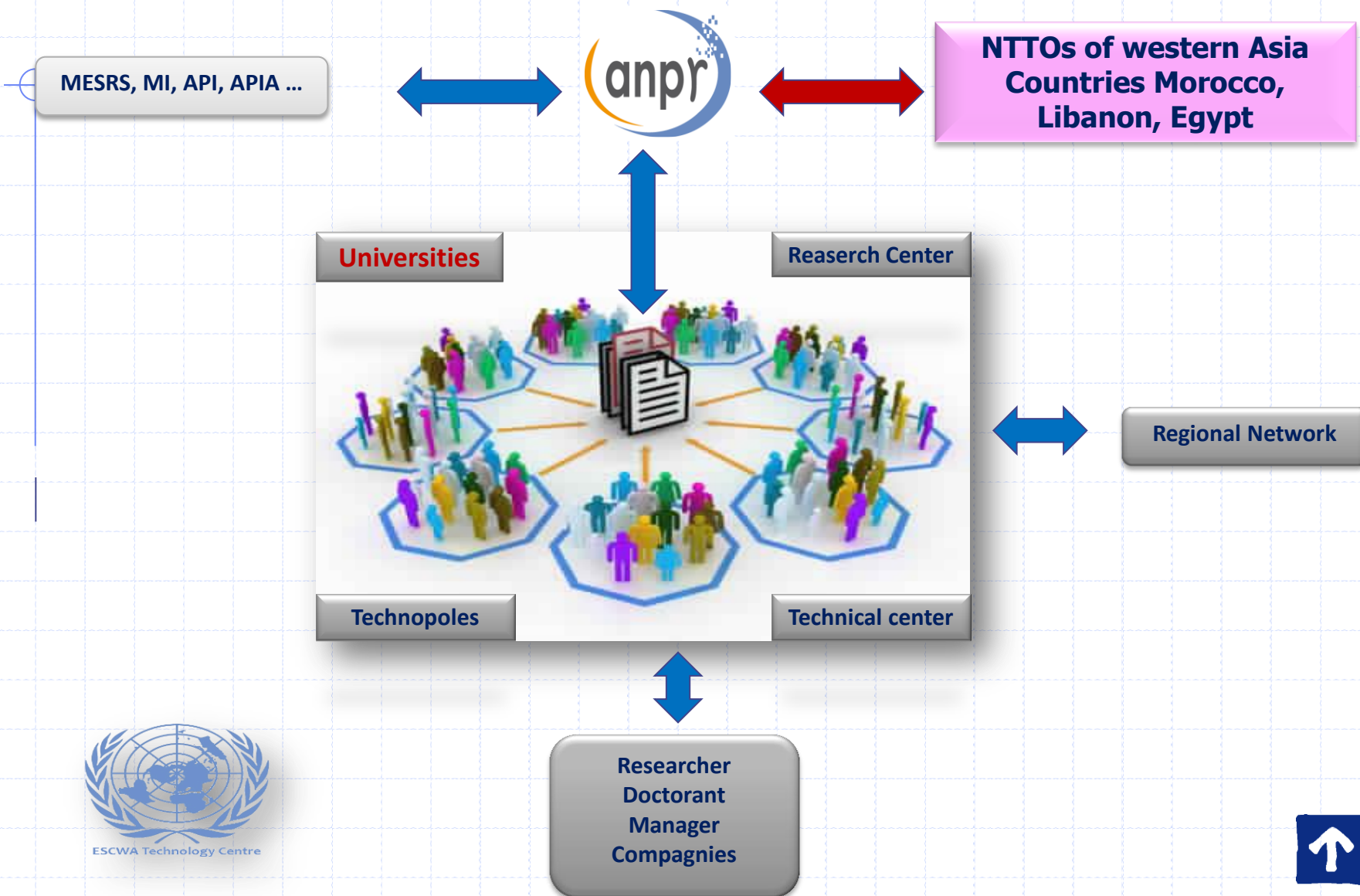
# PHASE 2



**Project technical supports in Training Study visits**

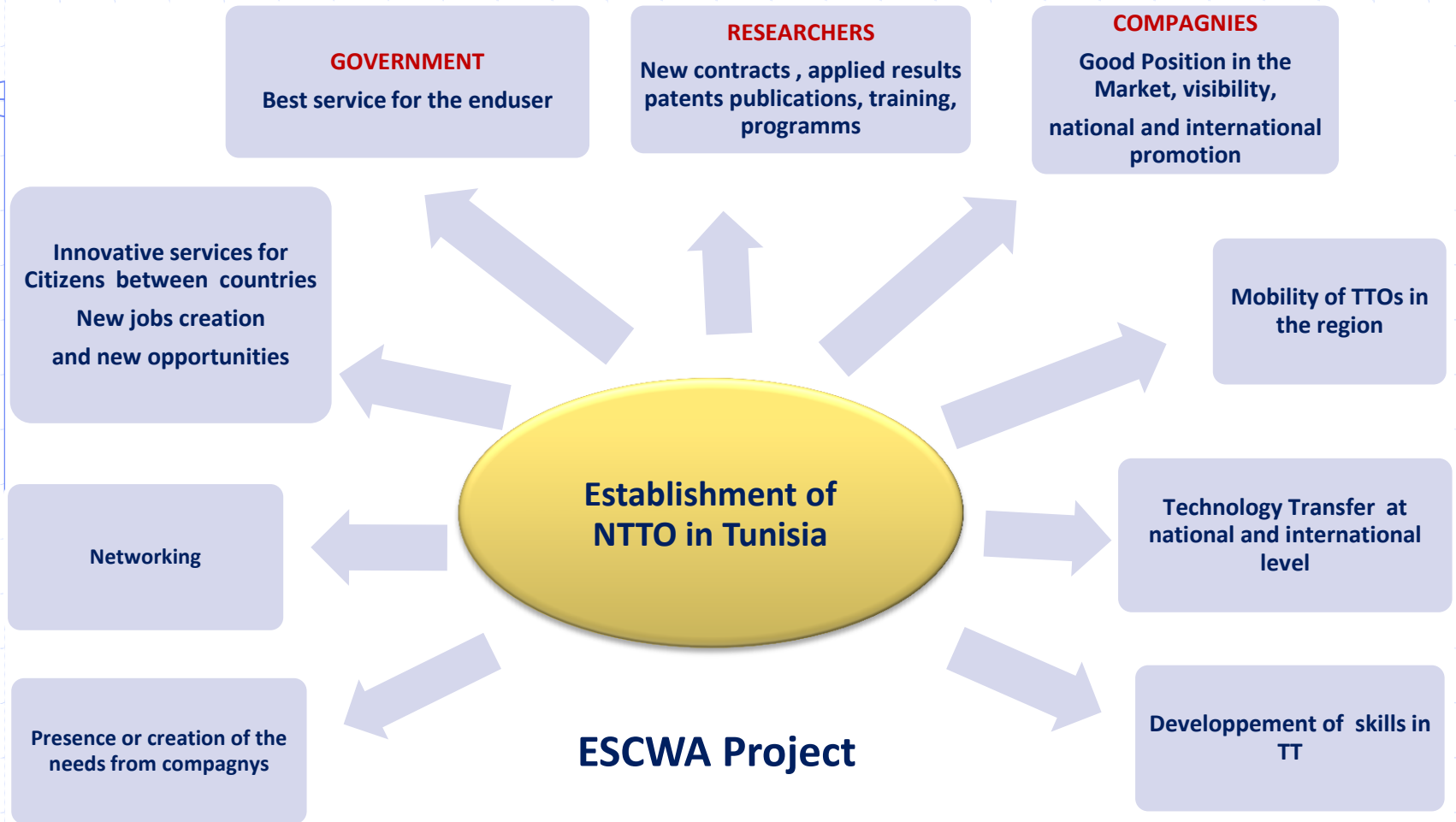


# PHASE 3





# BENEFITS OF NTTO



WESTERN ASIA COUNTRIES

ANPR



# ***TOPICS TO DISCUSS,...***



## **THEME 1**

**How to reduce the discrepancies in the national innovation system to make it more effective?**

- R&D capacity
- Commercialization of research results
- IP rights protection

# ***TOPICS TO DISCUSS,...***



## **THEME 2**

### **How to industrialize the Technology Transfer in Tunisia (strategy, initiative, actors ...)?**

- Engineering of Tech Transfer projects
- Market Data and Business Intelligence
- Role of Private Sector & civil Society
- Role of Technical Centers

## ***TOPICS TO DISCUSS,...***



### **THEME 3**

## **What IP Policy in Universities and Research Centers to better support Tech Transfer?**

- IP Valuation procedure
- IP Database / Big Data on R&D
- Governance



**THANK YOU FOR YOUR ATTENTION**  
**Souad.boussaid@anpr.tn**