

Ministry of Agriculture and Land Reclamation

General Authority For Fish Resources Development

GAFRD

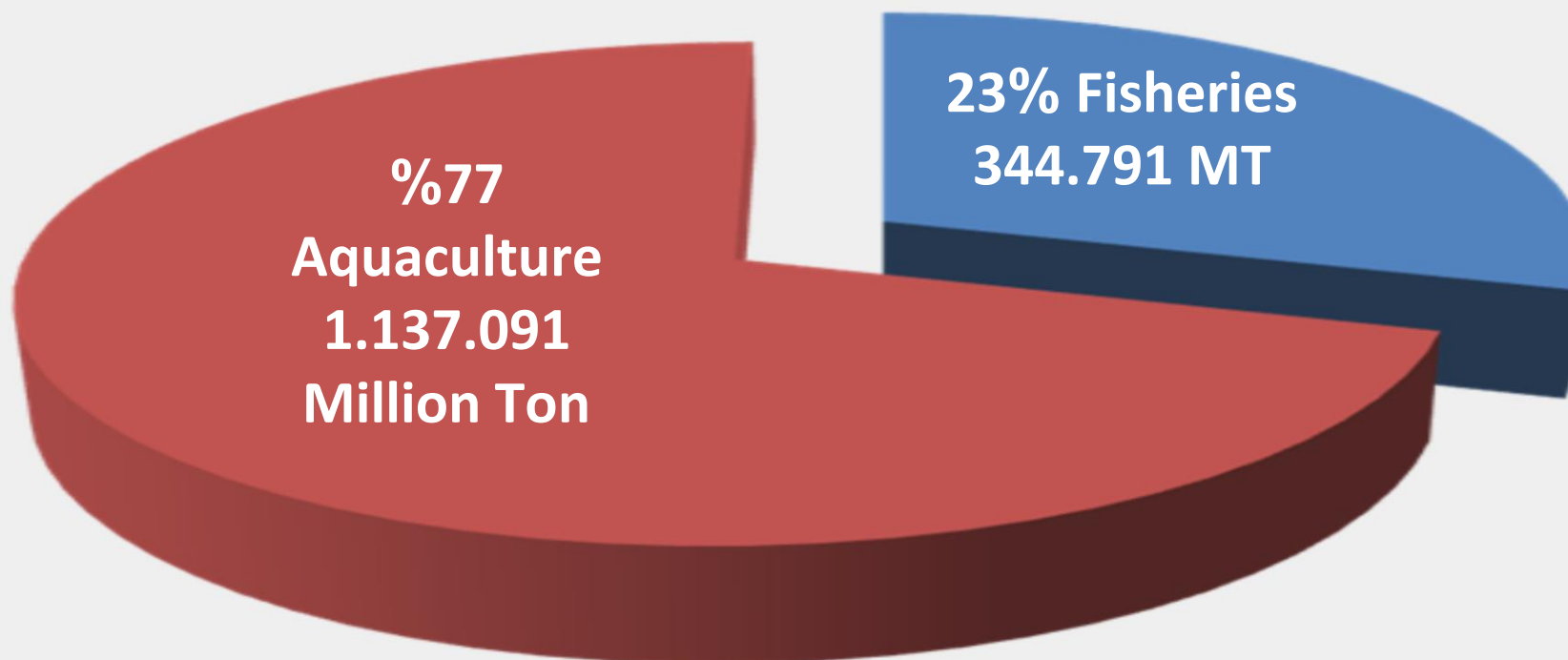


**“Marine Aquaculture Opportunities for Small-Scale Youth Fishers and Technicians in Egypt”
SSF Conference – Algeria (7-9th March, 2016)**

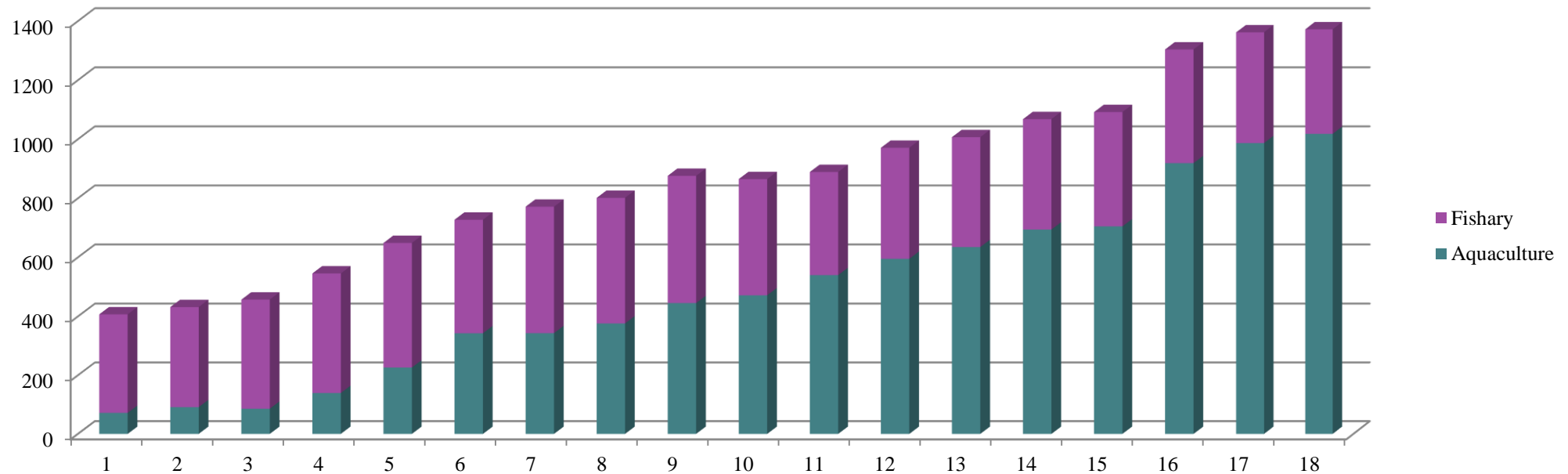


Egyptian Fish Production

(GAFRD statistics 2014)



Development of Fish Production In EGYPT (1996 - 2014)



year	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Aquaculture	91.2	85.7	139.4	226.3	343.1	343.5	376.3	445.2	471.5	540	595	635	694	705	919	987	1018	1098	1137
Fishery	340.5	371.3	406.2	422.6	384.3	428	425.2	430.8	393.5	349	376	372	374	387	385	375	354	356	345
Total MT.	431.6	457	545.6	648.9	724.4	771.5	801.5	876	865	889	971	1007	1068	1092	1304	1362	1372	1454	1482

Egyptian Strategy

Egypt has a leader position in world (NO.8) and North African Region (No. 1), with the 76,3 % of production

Demand according to FAO Report 2014.

Egyptian Strategy; to achieve 2.1 Millions Tons in 2018.



Egyptian Context Criticalities and Evolution

Fish Production from Fishery almost Stable if not declines through next 20 years that because;

- **Over fishing operation.**
- **Increment of the Number of Fishermen with the limitation of the fish resources and blocking the fishery license in Egypt.**
- **There is the impact of legal constrain in fishery law No.124 on fresh aquaculture production which effect on the exportation to the international markets and caused to declines the expansion in fresh aquaculture now a day despite the fresh fish production become about 1 Million ton, however now the government prepared proposal to change many articles in this law and approved from the Egyptian Parliament in this cycle.**

Egyptian Context Criticalities and Evolution

- Marine Aquaculture Now become the magic solution to go to the international markets and save the food security for domestic consumption.
- Insufficient of the Technicians who will manage and work in Marine aquaculture activities still a big challenge need to manage in the best way, specially if using the phenomenon of increscent the Number of Artisanal fishermen without to find job opportunities, so we can find job opportunities for them in Marine aquaculture activities and not far from the environment of their origin activity.

Future Perspective

Promoting new economic activities related to marine aquaculture as alternative activities to the traditional fisheries activities in the region in order to find real and effective jobs for young fishermen and governmental operators in coastal zone of Egypt where the fishing activities are one of the main jobs of the population.

Ways to achieve the objectives

- Introducing a mechanism to implement those objectives through a number of workshops involving experts in aquaculture, adopted by stakeholders.**
- Disseminate awareness of aquaculture economics through national awareness plan being prepared by national specialists and through leaflets and various media and conferences.**
- Provide a package of incentives for investors in aquaculture sector consideration building capacity for the youth of small-scale artisanal fishers plus the role of government.**

Ways to achieve the objectives

- **Determine a technical mechanism for small investors specially youth fishers and operators to approach banks for credit to increase employment and production.**
- **Establishment of a mechanism and Protocol to insert the environmentally safe marine aquaculture (Green farming) into the maritime areas of high environmental sensitivity.**
- **Enrich the dialogue and partnership between the various stakeholders, both governmental and non-governmental institutions and the private sector, with the aim of reaching a common goal of employment growth and integration of sources of income for labors in the small-scale artisanal fisheries sector.**

Ways to achieve the objectives

- **Support the introduction of alternative methods in farming and breeding fish in these areas, such as aquaculture in cages or other intensive rearing methods with outputs that do not affect the marine environment like cultivate the Mollusks.**
- **Encourage cultivation of other marine organisms like Mussels ,Oyster, Sea cucumber , Sea Urchin.**
- **Support the on Job training for youth fishers, Operators and training of administrators of public administrations (such as local authorities) and fishery associations, to promote private entrepreneurship and improvement of normative within multiple functions of the fisheries sector.**

THE IMPACT OF
“READY MED FISH PROJECT”
ON



**“Marine Aquaculture Job Opportunities for
Small-Scale Youth Fishers and
Technicians in Egypt”**

READY MED FISH

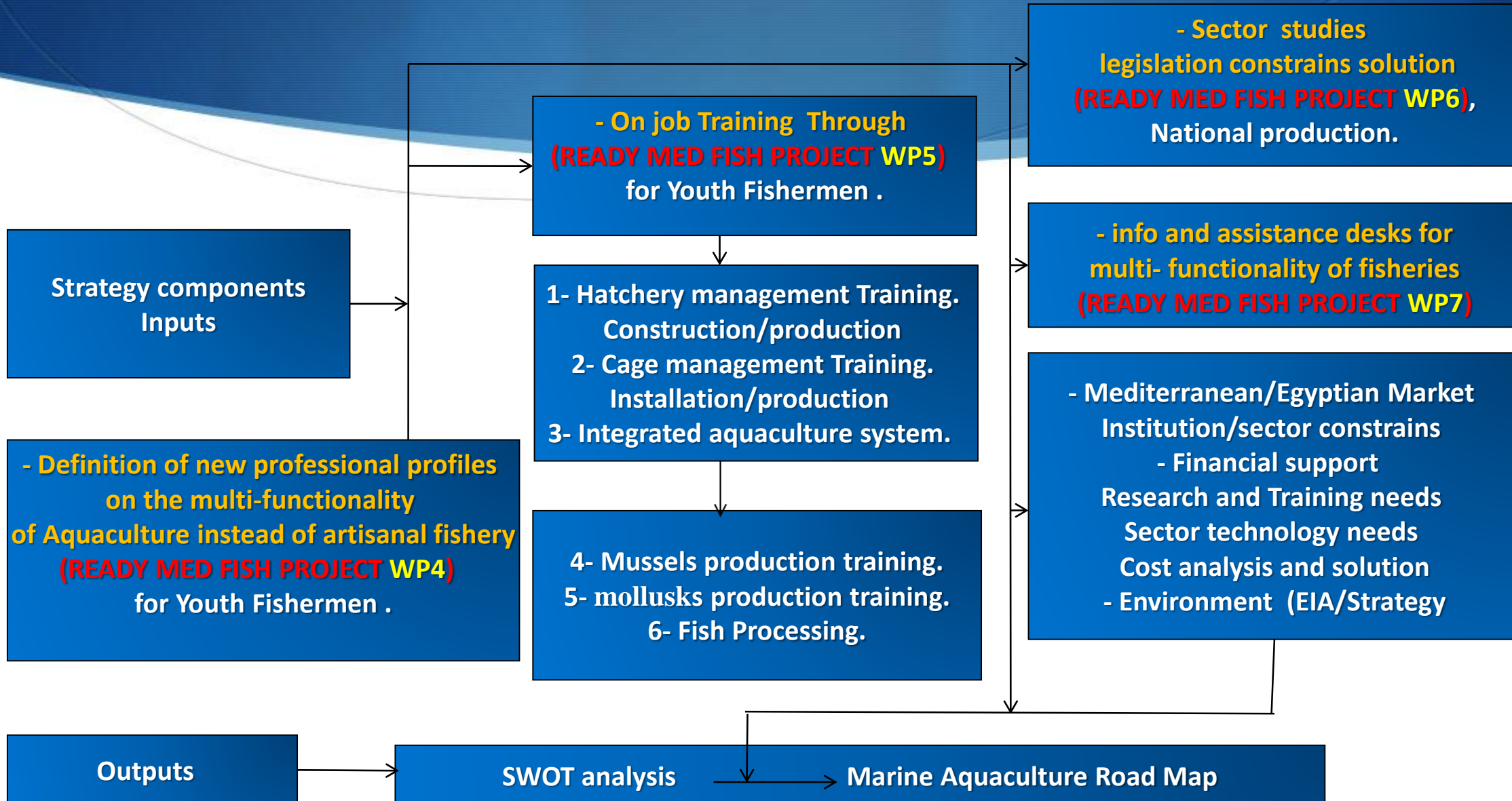
Requalification of Employment And
Diversification for Youth in the
Mediterranean



ENPI CBC MED
Cross-Border Cooperation in the Mediterranean



Egyptian “GAFRD” Strategy Proposal to Implement Through “READY MED FISH PROJECT”

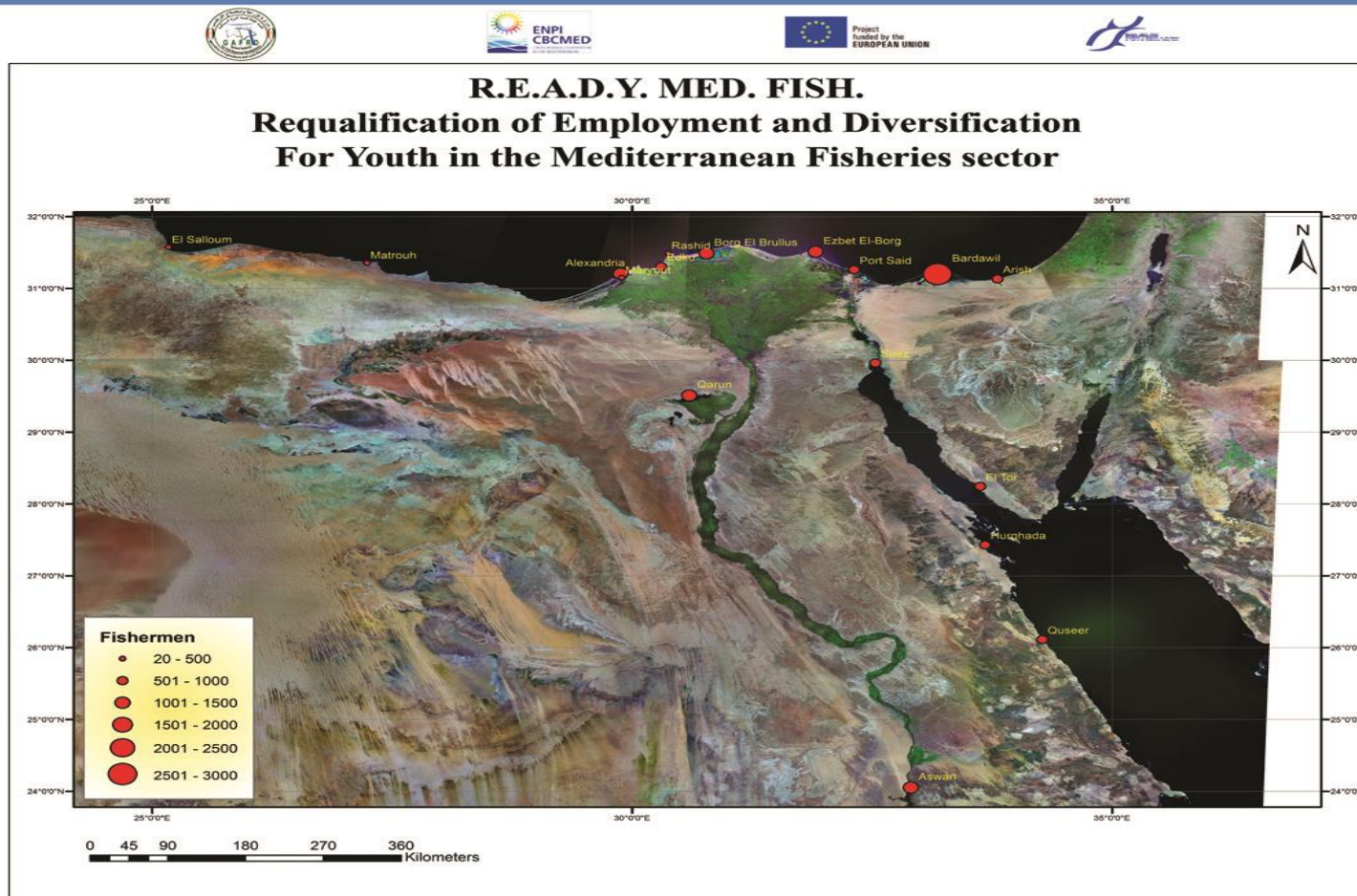


1- Prepared National Capitalization meeting



2- Geographic Action Group Meetings

2.1- Elaboration and printing GIS Map 200 copies



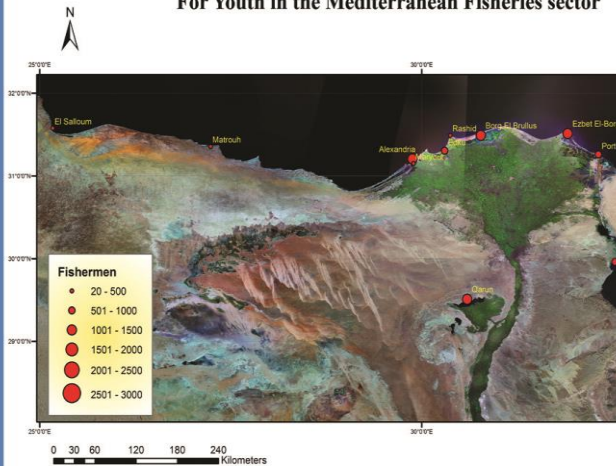
**Number of Fishermen of small scale
fisheries in Egypt**

2- Geographic Action Group Meetings

2.2- Elaboration and printing Territorial Strategic Plan 200 copies

R.E.A.D.Y. MED. FISH.

Regualification of Employment and Diversification
For Youth in the Mediterranean Fisheries sector



Number of Fishermen of small
fisheries in Egypt



READY MED FISH
Regualification of Employment and Diversification for Youth in the Mediterranean Fishery Sector
www.readymedfish.eu

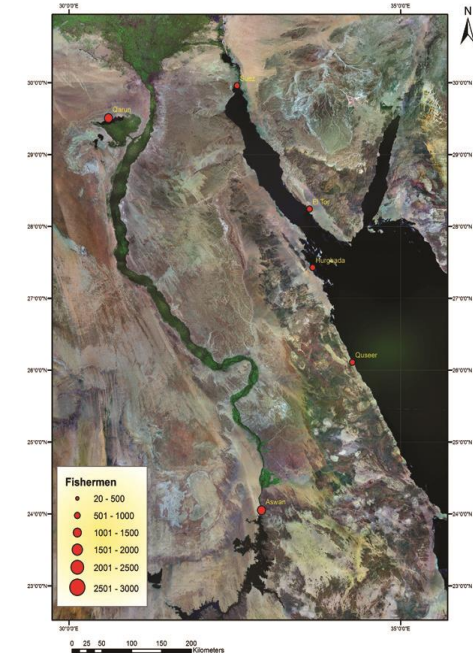
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READY MED FISH project is implemented under the ENPI MED Mediterranean Sea Policy Programme (www.enpimed.eu), its total budget is € 1,284,291.78 and it is financed for an amount of € 1,284,291.78, by the European Union through the European Neighborhood and Partnership Instrument. The ENPI MED Programme aims at reinforcing cooperation between the European Union and partner countries regions placed along the shores of the Mediterranean Sea.

www.readymedfish.eu

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Number of Fishermen of small scale
fisheries in Egypt

3 - Definition of new professional profiles on the multi-functionality of Aquaculture for Artisanal fishermen

- 1. Marine Hatcheries (Sea bass – Sea bream – Egyptian Solae).**
- 2. Marine Cages (Sea bass – Sea Bream – Tuna).**
- 3. Mussels Farming.**
- 4. Mollusks Farming.**
- 5. Integrated Agri.-Aquaculture and Marine – Marine Aquaculture System.**
- 6. Fish Processing.**
- 7. Related Services (Nets Manufacturing – Boat Maintenance- Artificial Coral Reef industrials).**
- 8. Fish Marketing**

4 - Protocol Agreement To support the Capitalization of Project results among national Stakeholders

اتفاقية عامه

لتعزيز أنشطة تعدد وتنوع الوظائف في مجال الاستزراع السمكي البحري وما يتعلق به من أنشطة كبديل عن حرف الصيد التقليدي في مصر

١. الهدف من هذه الاتفاقية:-

(أ) تجمع هذه الوثيقة القضايا والمشاكل التي تواجه مصر في قطاع الصيد التقليدي والنتائج التي حققها مشروع التعاون الدولي عبر الحدود بين دول حوض البحر المتوسط ENPI CBC MED.

"R.E.A.D.Y. MED.FISH" /إعادة التأهيل وتنويع الوظائف للشباب في قطاع مصايد الأسماك في حوض البحر الأبيض المتوسط".

(ب) الحاجة المتزايدة لخلق فرص عمل جديدة في مجال الاستزراع السمكي البحري وما يتعلق به من أنشطة كبديل عن حرف الصيد التقليدي في مصر، ورؤية المشروع في تنويع وتعدد الأنشطة والوظائف أفاقاً مرضية لدعم الدخل لدى صغار الصيادين والشباب العاملين في هذا المجال، وعملية التنويع هذه تتطلب تعزيزاً وتآزراً في العمل من بين قطاعي الدولة الحكومي والخاص.

(ج) ويعتبر هذا الاتفاق تعبيراً ضمناً عن رغبة المشاركين في هذا الاتفاق في دعم المشاريع المستقلة التي تحقق الأهداف السابقة لخدمة القطاع، ويصبح هدفهم الرئيسي هو نمو وانتشار التعددية الوظيفية بين الشباب العاملين في قطاع المصايد وخاصة في مجال الصيد التقليدي في مصر.

٢. مشاركة الأطراف الموقعة:-

(أ) الأطراف الموقعة على هذه الاتفاقية تتعهد، وفقاً لمهاراتها ومواردها وقدراتها على العمل لتعزيز نتائج "R.E.A.D.Y. MED.FISH"، مع دعم نمو التعددية الوظيفية في مجال الصيد التقليدي في مصر.

(ب) لا ينطوي هذا الاتفاق على أي شروط محددة أو أي التزامات مادية من جانب الأفراد الأعضاء.

٣. العلاقات بين المشاركين:-

يشكل المشاركون شبكة عمل دائمة لتبادل الأفكار والمعلومات والطلبات المقدمة من العاملين في القطاع، وذلك لغرض محدد لرصد الاحتياجات الناشئة من الواقع وتحديد الاستراتيجيات لزيادة تنويع وتعدد الوظائف والأنشطة.

القاهرة في ١٩/١٠/٢٠١٩

التوقيعات:-



SUSTAINABILITY KEY FACTORS

5 - HUMAN RESOURCES / TRAINING



5.1-Elaboration and Printing of N. 100 informative Posters promoting training course for young operators



5.2- Training toolkit for young operators



5.3- On Job Training for 10 young operators and Fishermen in MARINE HATCHERIES TECHNOLOGY In Italy orgnized by “CIHEAM - IAM BARI” Institute



5.3- On Job Training for 40 young operators and Fishermen in MARINE HATCHERIES TECHNOLOGY In Egypt Organaized by “GAFRD”



MARINE HATCHERIES TECHNOLOGY IN EGYPT



5.4- CAGES TECHNOLOGY On Job Training In Italy organized by “CIHEAM - IAM BARI” Institute



5.4- On Job Training for 40 young operators and Fishermen in CAGES TECHNOLOGY in Egypt Organized by “GAFRD”







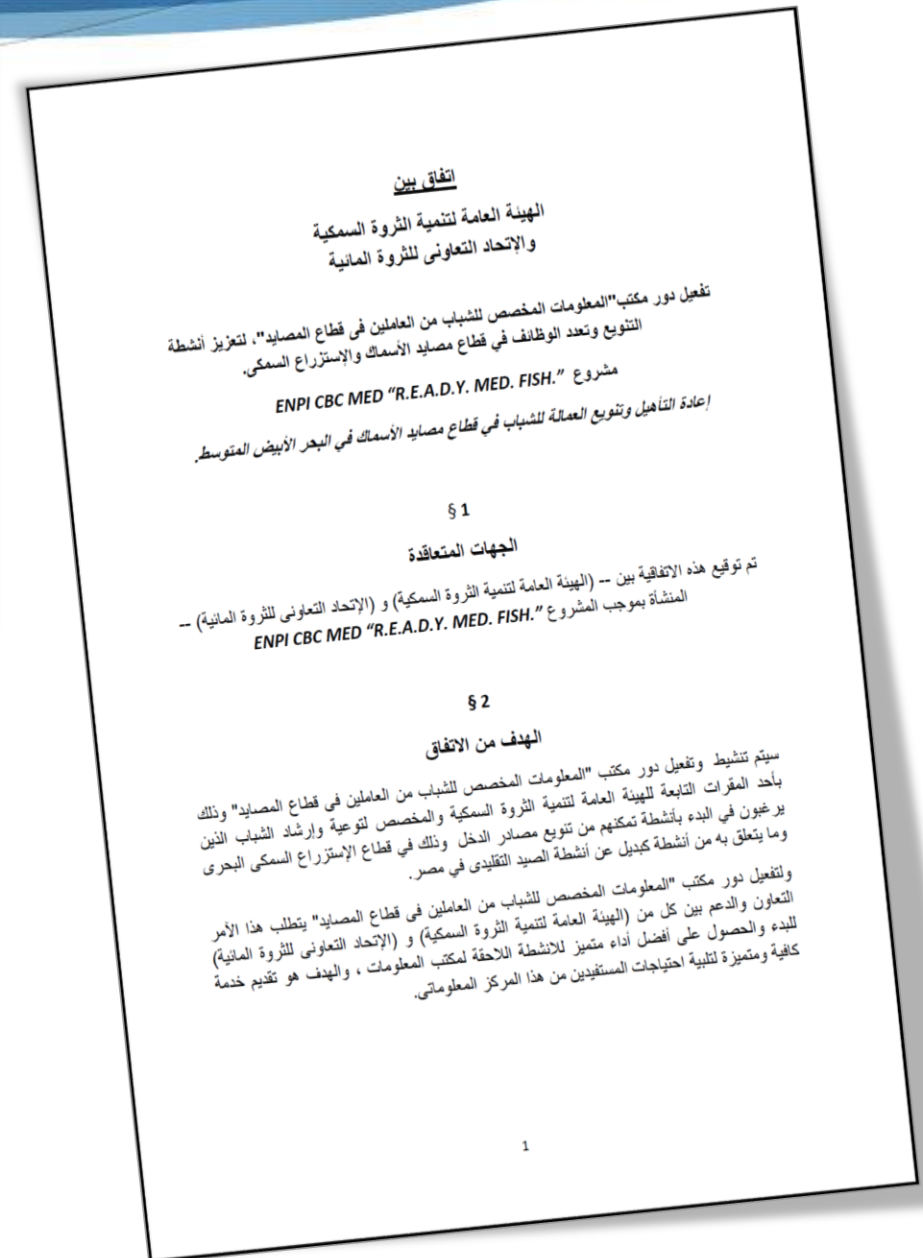
5.5- Mussels Production Technology On Job Training In Italy organized by “CIHEAM - IAM BARI” Institute



5.6- On Job Training on Intensive Aquaculture In Egypt organized by “GAFRD”



6- Agreement Between National Stakeholders (Public Administration and Fisheries Association) to promote the INFO Assistant desk activates.



6.1- Activation of the INFO Assistant Desk in Alexandria.



6.2- Elaboration and Printing of N 1000 Brochures promoting the INFO Assistant Desk activities.



6.3- Activation of the INFO Assistant Desk Printing IADS Mediterranean Manual of N 100 copies.



7- Printing National Normative Study N. 220 Copies.

7.1- Normative Porposals.

(EOG - The Euromediterranean Operational Group)



“READY MED FISH”

Requalification of Employment and
Diversification for Youth in
the Mediterranean Fisheries sector

مشروع إعادة تأهيل وتنويع الوظائف للعاملين
من الشباب في مجال المصايد السمكية
بحوض البحر الابيض المتوسط

Euro Mediterranean
Operational Group
(activity 6.2)

10th, February, 2015
Alexandria, EGYPT



READY MED FISH
Requalification of Employment and Diversification for Youth in the Mediterranean Fishery Sector
www.readymedfish.eu

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READY MED FISH project is implemented under the ENPI CBC Mediterranean Sea Basin Programme (www.enpi-cbmed.eu). Its total budget is € 1.534.291.73 and it is financed, for an amount of € 1.080.862.56, by the European Union through the European Neighbourhood and Partnership Instrument. The ENPI CBC Med Programme aims at reinforcing cooperation between the European Union and partner countries regions placed along the shores of the Mediterranean Sea.



READY MED FISH

WPS
REVISION OF THE LEGISLATION AND ELABORATION OF PROPOSALS

National Study: Egypt



www.readymedfish.eu

8- Workshop involving other ENPI CBC MED co-funded Projects (Alexandria Oct 12-14 /2015)



The Target

**Job Opportunities For Youth
Artisanal Fishermen in Marine
Aquaculture Activities.**

Now We Started and Will Continue.



**THANKS FOR YOUR KIND
ATTENTION**