



## WHY LABELING

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### meetMED Workshop on EE in Appliances

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# Challenges on labelling

- Titles: Industrial Sector point of view-WHY LABELLING
- Why energy efficient appliances became very important
- For Local Market
- For Export Market
- Awareness challenge among manufacturers and even end users
- Air Conditioners example
- Refrigerators
- Water Heating appliances
- Fresh success story with Energy efficient projects with the EBRD

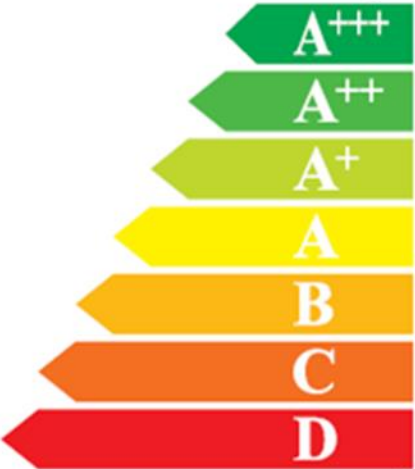

# LABELLING is a great challenge to the industry at the MENA region

- Resources of energy is decreasing day by day
- Going green and using energy efficient techniques in life not any more an option
- South of the Mediterranean is manufacturing for the north

# CHALLENGE WITH LOCAL MARKETS

- Awareness of the importance of the energy efficient appliances still needs many efforts
- End user should touch by his hands the need of energy efficient appliances
- Manufacturers should have strong intensives to go for energy efficient manufacturing processes

## بطاقة كفاءة الطاقة لجهاز تكييف هواء الغرفة المنفصل

<b>FRESH</b> SF24C/O SF24C/IP	الصانع الوحدة الخارجية الوحدة الداخلية	
	أكثر كفاءة  أقل كفاءة	
714 2380 23879 10	الاستهلاك الشهري لهذا الموديل في وضع التبريد (كيلوواط. س) / ( ٢٠٠ ساعة تشغيل ) القدرة الكهربائية ( واط ) سعة التبريد الكلية ( و.ح.ب. / س ) نسبة كفاءة الطاقة ( و.ح.ب. / واط.س )	
→	- تبريد فقط - تبريد + تدفئة	نظام التشغيل
	طبقاً للمواصفة القياسية المصرية رقم 3795/1-2016 لا يتم نزع هذه البطاقة من على الغلاف إلى أن يتم تسليمه للعميل نعمل سويًا لتوفير الطاقة والحفاظ على البيئة 16496232704286	

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# For Export market

- Egypt is now manufacturing a lot of energy efficient appliances for Europe
- South of Mediterranean countries needs technical support form the north to improve their industries
- Partnership in industry between north and south seems a perfect solution but it is not like so when we come to implementation

A/C as an example  
With the A/C using  
an inverter saves  
30-40% of energy  
consumption. But  
still sales of energy  
saving air  
conditioners is less  
than normal A/C's







## FRESH success story with the EBRD

In cooperation with the EBRD and Egypt SEFF WE SUCCEEDED  
TODO:

- 1- Replace 14 plastic injection molds to be more productive means more more energy efficient
- 2- replace old high consumption cut to length line with an energy efficient one
- 3- Replace old natural gas big boiler with another turbo one uses the exhaust heat in pre-heating the water. This saved a lot
- 4- Replace 400 air powered screwdrivers with electric ones.
- 5- Replace old air network in one of our factories with new smart one that stop air leakage which helped us to remove two air compressors
- 6- Replace 14 high energy consumption plastic injection machines with 14 energy efficient machines
- 7- Replace 20 presses motors with energy efficient motors
- 8- Installing 2 natural gas sub-meters so we can control enameled ovens heat and NG consumption

# Contact us!



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