



TÜRK PATENT [] ENSTİTÜSÜ
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MOBILE GRAIN DRYER MACHINE



OZSU Machine Energy Agriculture Mine Construction Transport Turizm Food Industry and Trade Limited Company

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Your solution partner in drying technologies

Ozsu machine is a family company which has started its manufacturing life in Balıkesir Gonen in 1972. First years of its manufacturing life provided to customer with quality service as lathe and welding shop according to requirements of the market.

In 1980's OZSU produced big sprinkler head, centrifugal pumps and cooperated with important foundations such as EGE YILDIZ, PANKO BIRLIK and Agricultural Credit Cooperative.

End of 90's, OZSU has started to produce mobile grain dryer machines and in very short time proved itself in this sector. Also became leader in Turkey. Beside of grain drying machines, according to requirements of customer it develops drying system for other sectors and apply all of them successfully. With many years experience OZSU not only sell machines for domestic market at the same time sell machines to ten different country.

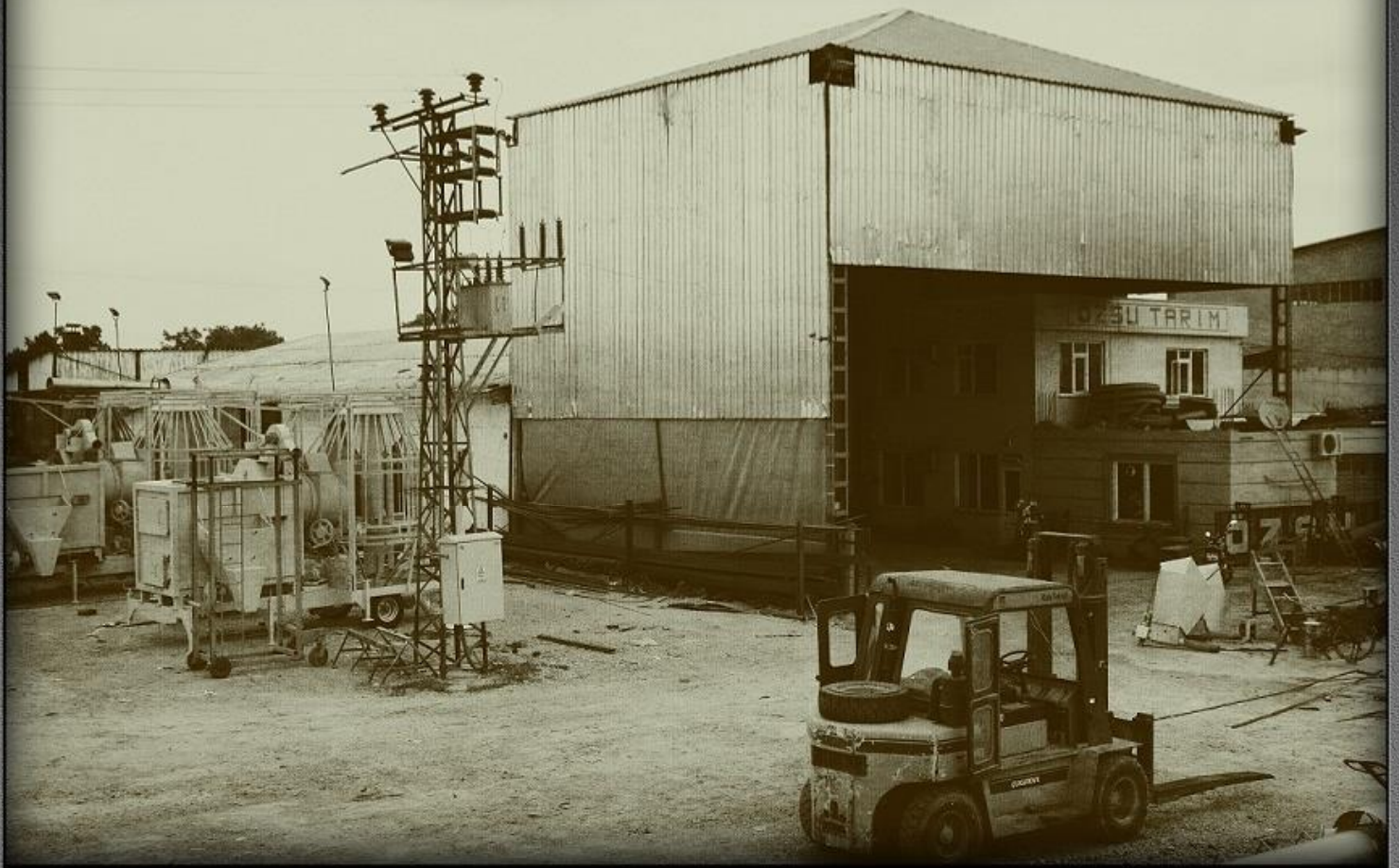
OZSU continue its production life where moved in 2013. New facility which occupies 18.500m² and 5.500m² are which of covered withal equipped with last technology and divided as storage area, production area, assembly area, paint room and offices in Bandırma Organized Industry Region .

The continuity of quality, applicable projects with affordable prices, mutual trust and honesty will be the essential principles and indispensable values for our company vision.

Kind Regards.



OZSU in 1990's



**Both your corps and
labor in our security**

Why Drying ?

Grains are have to enter drying process because of they obtain with humidity from nature. In the before grain was drying with spread method. But nowadays with developing technology, machines are using instead of old method.

Our grain drying machines not only dry tons of grain few hours but also clean your grain with aspiration system which is equipped already.

The largest value of OZSU about its machines are environmentally friendly, maximum security and easily using. Because we know that your labor for produce grain deserve the best one.





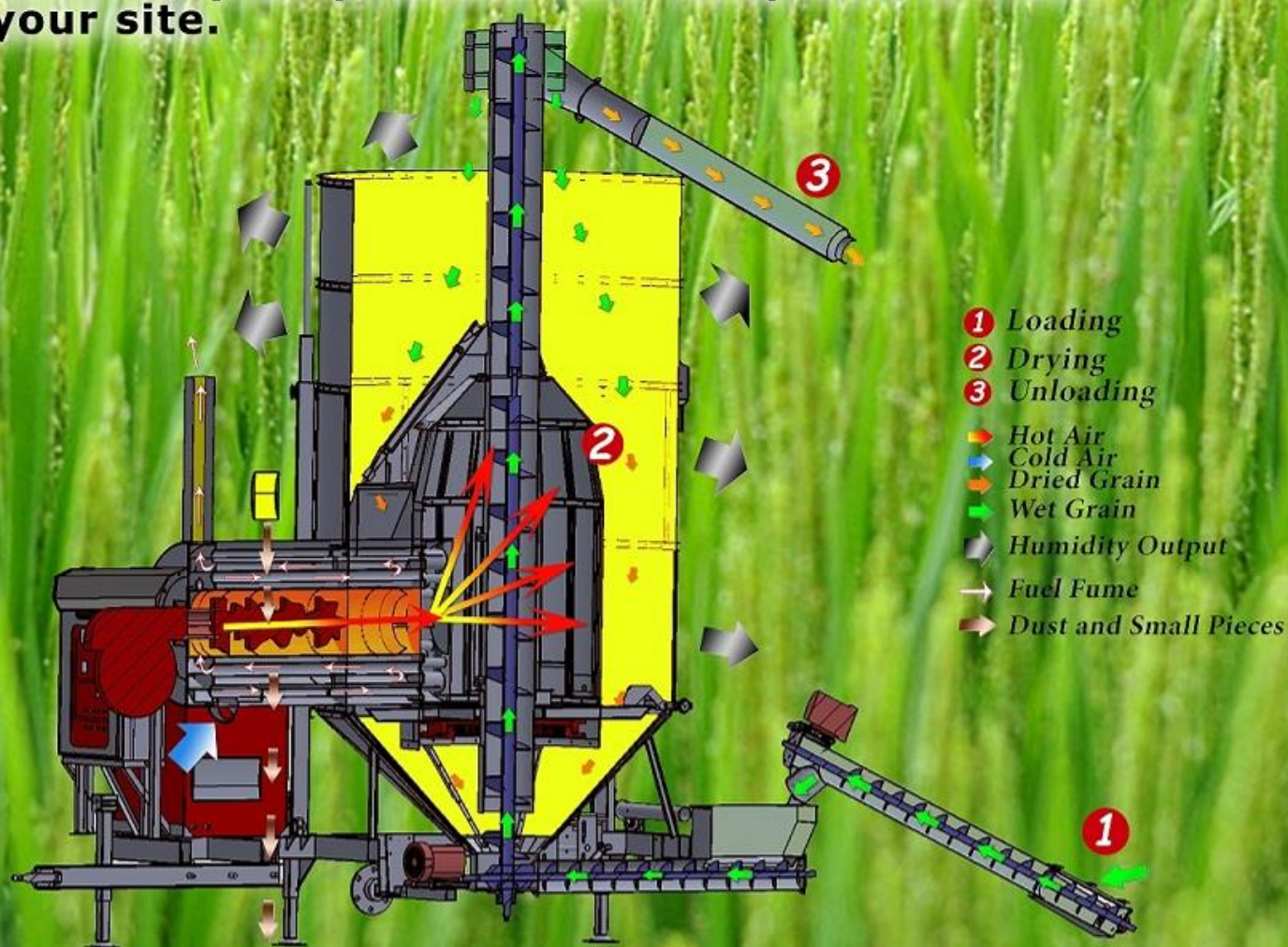
Ready to Use Projects

All of our machines are produced by our expert technical team after special studies for provide best transport facilities and stash your machine in small area without disassemble any part of it. OZSU not only save our farmers time with drying in short season but also do not lose their time for assemble the machine.



24 hours Service

The best evidence of quality and reliability of OZSU is interfere the calls come from customer on time. During drying season our technical team fix your problem with telephone or visit your site.



- **With controlled emission prevents your grain during drying process from the resultant combustion fumes to soiling grain.**
- **No special licenses are required.**
- **Easily moved to another place with tractor.**
- **Besides of low fuel consumption it is producing according to customer requirement as DIESEL / Natural Gas / Solid Fel.**
- **For all kind of customer from 10m³ to 75m³ 7 different model.**
- **Full automatic electric panel which provide you everything you need during drying process.**



		TKM10	TKM15	TKM18	TKM25	TKM33	TKM60	TKM75
Capacity	m ³	10	15	18	25	33	60	75
Capacity	t	7	10,5	12,6	18,5	23,1	42	52,5
Diameter	m	2.4	2.4	2.4	3	3.3	4.4	4.4
Corn from%28 to %14	Daily	25 ton	45 ton	65 ton	80 ton	120 ton	165 ton	220 ton
Corn from%21 to %14	Daily	50 ton	90 ton	130 ton	160 ton	240 ton	330 ton	390 ton
Rice from%28 to %14	Daily	19 ton	24 ton	33 ton	48 ton	64 ton	120 ton	165 ton
Rice from%21 to %14	Daily	28 ton	38 ton	48 ton	72 ton	96 ton	180 ton	225 ton
Sunflower from%12 to %8	Daily	22 ton	33 ton	40 ton	56 ton	74 ton	135 ton	168 ton
Working position height	m	3.8	4.7	5.6	6.7	6.7	9.4	10.4
Working position length	m	7.2	7.2	7.2	8.7	8.7	9.4	9.4
Transportation length	m	5.2	5.2	5.2	6.4	6.4	-	-
Diesel / LPG Weight	Kg	3.650	3.700	3.750	5.600	5.950	10.300	11.150
Solid Fuel Weight	Kg	6.030	6.150	6.275	7.100	7.450	-	-

Evidence Of Our Quality



In OZSU Grain Dryers, each equipment has selected carefully for long usage life. All of machines technical and mechanical equipment are provided by well-known suppliers all over the world.

- Hoppers and perforated steel comes from Italy
- Italian world leader Riello burner
- For hearth of our machine electric panel the equipments which come from Italia, France, Germany and Sweeden
- High quality paint which comes from Japan



Mine Drying Systems

Such as coal, sand, stone, gravel provide from earth as moist. For enrich this type of product, they have to enter drying system and decrease moisture rate.

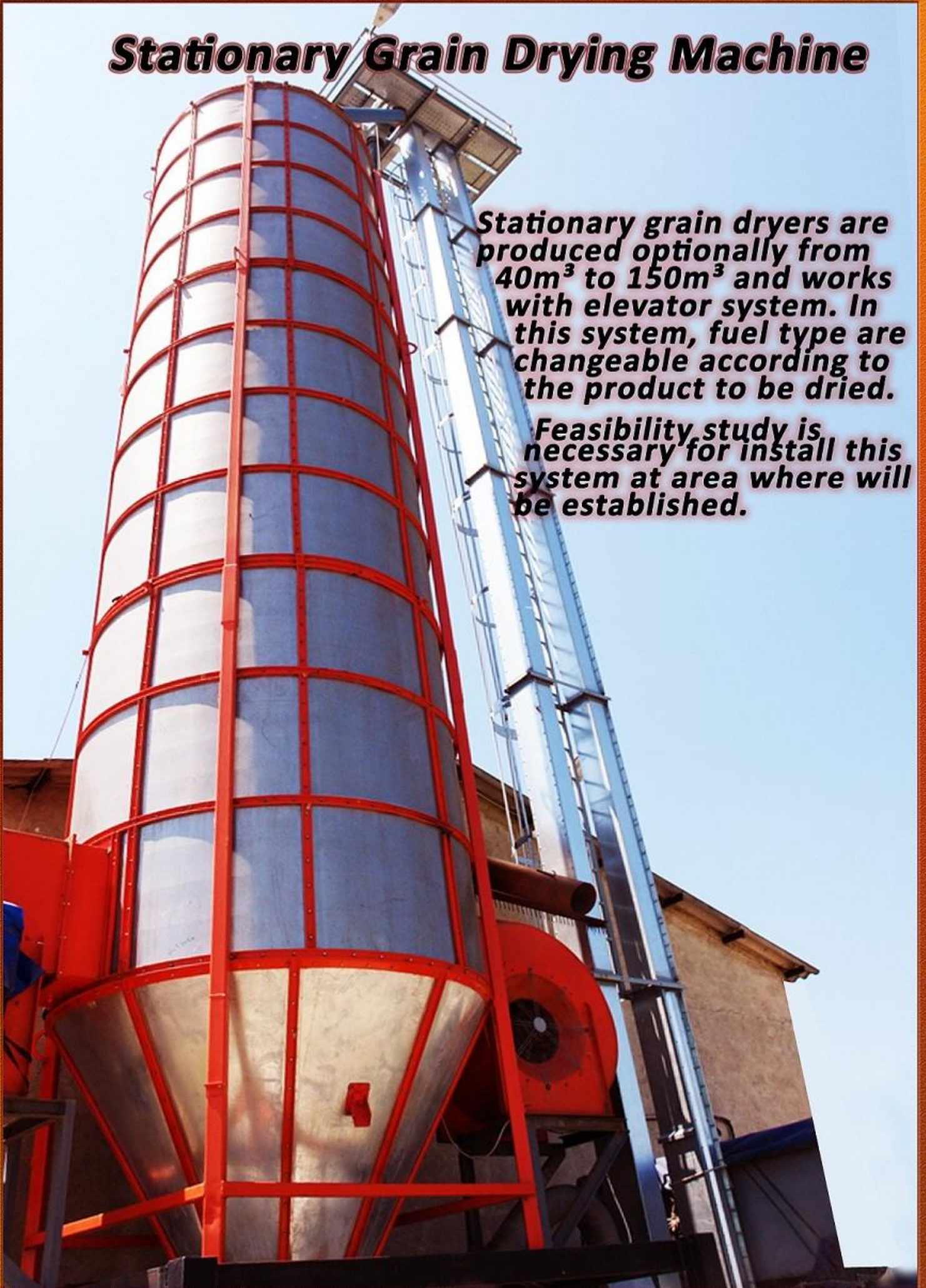
- From 10 ton to 100 ton drying capacity
- Full automatic remote control system
- From 1 r/m to 1000 r/m mixer turning speed
- High quality GS60 steel casting rings, gearing and reduction gear
- Pipe diameter and driveline strength according to capacity
- Fan and cyclone system working with maximum efficiency.



Stationary Grain Drying Machine

Stationary grain dryers are produced optionally from 40m³ to 150m³ and works with elevator system. In this system, fuel type are changeable according to the product to be dried.

Feasibility study is necessary for install this system at area where will be established.



Food Drying Machine

This system has develop by us for dry nutritional product such as olive, apricot, tomatoes and grapes. Drying process actualize when locate each one 55 x 38 cm 600 pieces boxes. Process are perform between 55-70°C. After the drying process according to product it lost %20 - %25 humidity.

Our region is really important for produce olive because of that we produced this machine for dry olives. It is able to dry all product in boxes about 10 – 11 hours. For olives there is two times drying change in one day. Therefore daily output capacity is 2500 – 3000 Kg.

This system working with solid fuel and you what you have to done is ; load product into the boxes, place boxes to drying room, start to process and after finished unload to system.



Sprinkling Tools

This sprinkling tools made of brass body and inox steel for long usage life, heavy and has high performance. Our this products medium sized sprinkling tools for low and medium pressure system. They equipped with blasting system that can be arranged and with nozzles that can be changed in different dimension for equal distribution to watering area.

They are design for can turn full and half circle in the same speed. With thin water distribution, its use with seeds, flower and vegetables that needs a sensitive watering is very suitable.



Wind Turbines

OZSU Machine years of experience and the desire to constantly improve itself has led to make agreement with AYETEK which has wind turbine production license and partnership of Germany Wind Technik North for produce wind turbine produce and assembly. First installation made by OZSU in April 2014 and turbine has delivered to customer without any problem.

The most important reason of that our region has really important with wind rate and unfortunately we import the energy which is the most important source for people.

Therefore we are really happy to enter this sector for decrease our country external dependency.





Spain



Estonia



Russia



Ukraine



Poland



Angola



Belarus



Kazakhstan



Bulgaria

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