



# EUTELSAT'S LARGEST SATELLITE

## ENHANCED CAPACITY FOR THE HOT BIRD™ CLUSTER

Eutelsat's latest addition to its prime orbital location, 13 degrees East, is the largest satellite yet put into the service by the company. Its mission capacity is three times that of the previous generation of HOT BIRD™ satellites.

HOT BIRD™ 8 will replace HOT BIRD™ 3, launched in 1997 and slated for re-deployment to another orbital location. In conjunction with HOT BIRD™ 7, launched in February 2006, this new satellite will also enhance in-orbit redundancy at 13 degrees East, Eutelsat's prime broadcasting neighbourhood.

Equipped with a record-breaking 64 transponder-payload, operating in Ku-band, and weighing almost 5 tonnes, HOT BIRD™ 8 is the third Eutelsat satellite to be launched on a Proton vehicle from Baikonur Cosmodrome in Kazakhstan.

Designed for television and radio broadcasting, as well as interactive services, HOT BIRD™ 8 features a powerful Widebeam coverage over Europe, North Africa and the Middle East. It is the second in a new generation of HOT BIRD™ satellites for 13 degrees East, which currently broadcasts 972 television channels and 586 radio channels to 110 million cable and satellite homes. The launch in 2008 of HOT BIRD™ 9 will put the final touch to the renewal of the 13 degrees East fleet, making it one of the youngest, most flexible and most reliable multi-satellite broadcasting clusters in the world.

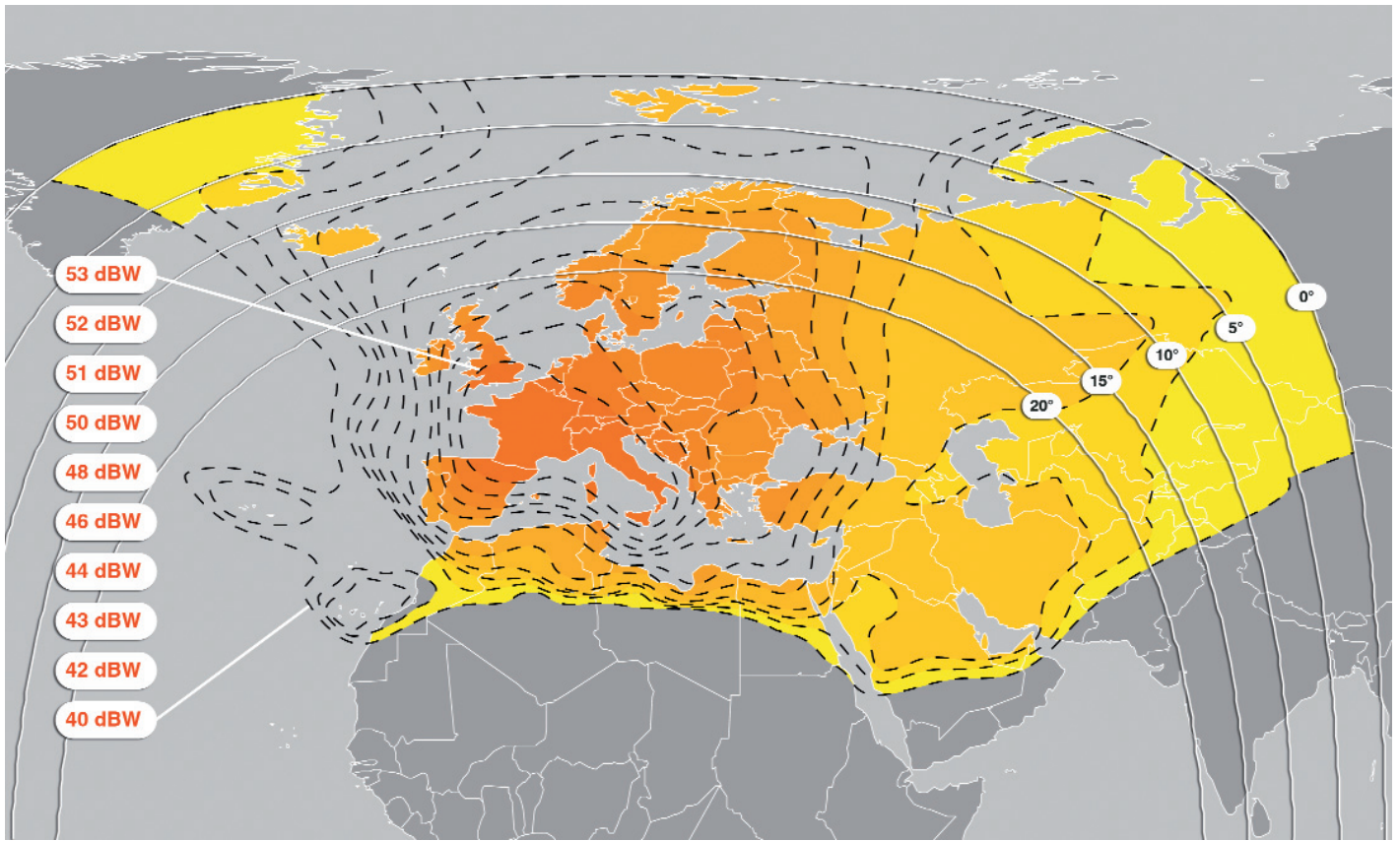
### KEY MARKETS AND SERVICES

- Europe
- North Africa
- Middle East
  
- TV and radio broadcasting
- Multimedia services
- High Definition TV

### HOT BIRD™

- An audience of 110 million households
- A penetration of 8 in 10 cable and satellite homes within the coverage
- 972 television channels
- 586 radio channels

## COVERAGE MAP AND SATELLITE INFO



Predicted downlink coverage for HOT BIRD™ 8 at 13 degrees East

Satellite manufacturer:	EADS Astrium
Downlink frequencies:	10.70-12.75 GHz
Transponder bandwidth:	24, 33, 36, 47 and 50 MHz
Projected lifetime:	> 15 years
Launcher:	Proton M Breeze M
Orbital position:	13 degrees East
Operational transponders:	64