

MoMo DUS @ SHA

The German Mobile Market

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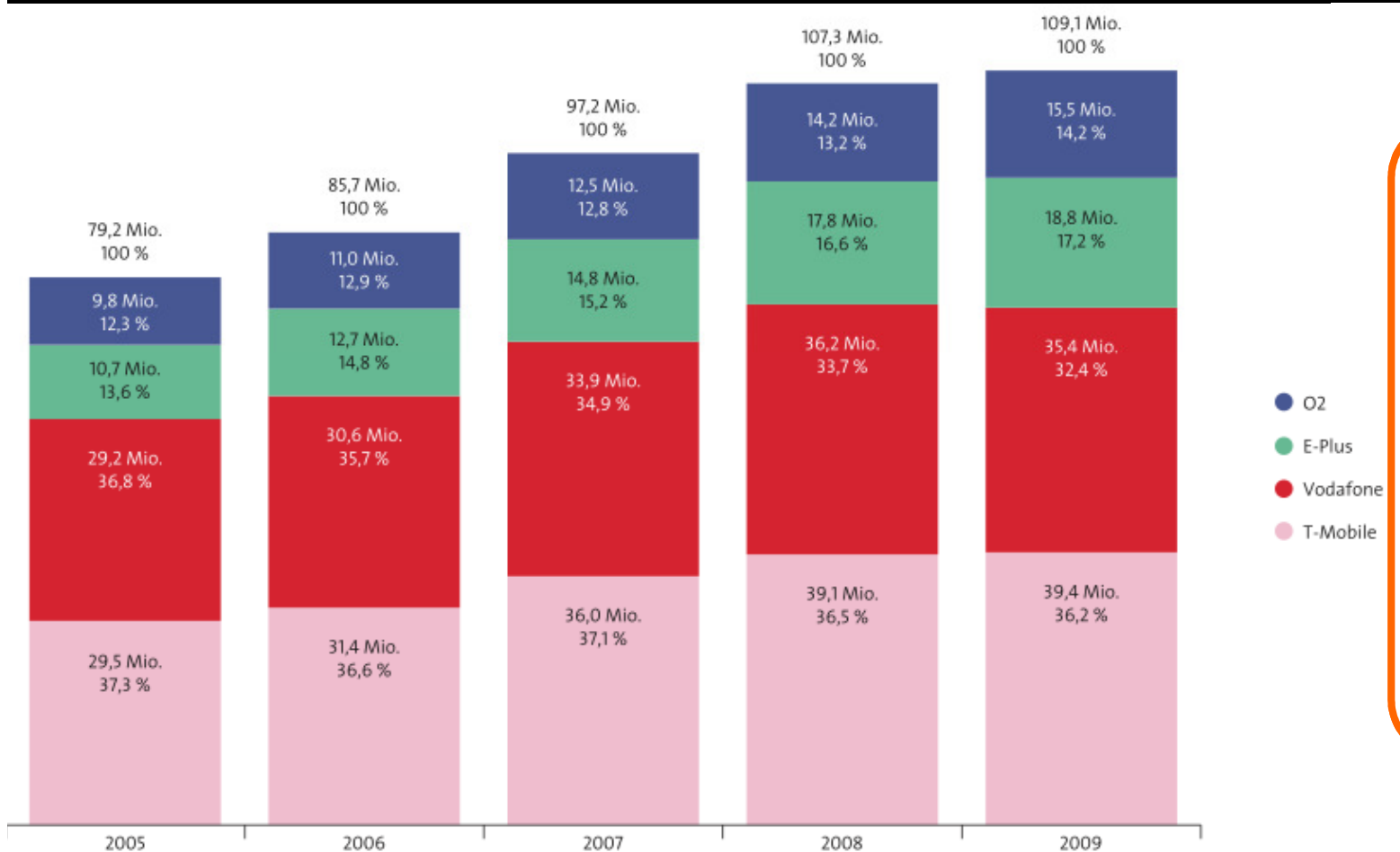
MoMo Germany Success-Story

- Presence in **Düsseldorf (12/06)**, Munich (02/07), Frankfurt (10/07), Berlin (02/08), Hamburg (06/08)
- **1 Website, 1 Board, 1 Look & Feel – 100% sponsored!**
- **Ran over 100 events in the past years (up to 25 p.a.)**
- **Regular communication with over 3.000 followers**
- **Participation at international MoMo platforms...**
 - **10th anniversary of MoMo, Helsinki/Talinn, Sep 2010**
 - **Mobile Premier Award at MWC, Barcelona, Feb 2011**
- **Established National Summit (2010: Nov 29th, Berlin)**
 - **incl. III. Kudos Award as App Circus**
- **Successful Brand Extension with m2d2**
 - **Ran Developer Days for Android and Apple OS**

German Market Trends

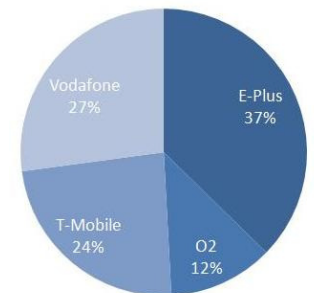
- **Every year approx. 28 mill. new devices are sold (30% are Smartphones)**
 - **Brands in use (%): Nokia 40, SE 19, Samsung 17, Moto 5, Apple 3, LG 2, RIM 1, HTC 1**
 - **Brands sold in Q4 2009 (%): Samsung 36, Nokia 29 (!)**
- **Growth engine in Non-Voice-ARPU: Mobile Internet**
 - **But still only 10% of Mobile User go regularly online (iPhone user: 100%)**
- **SPs consolidated: mobilcom debitel (Freenet), Drillisch, The Phone House**
- **Since 1st MVNO hit Germany in 2004 enormous segmentation took place**
 - **All 4 MNOs launched own “no frills” offers**
 - **T-Mobile: congstar**
 - **Vodafone: o.tel.o**
 - **O2: FONIC**
 - **E-Plus: simyo**
 - **5 MVNEs established**
 - **140 MVNOs more or less establish**
 - **SIM only, Branded Reseller, Pure Data, Free Mobile Portal + SIM, ...**

Market Share per activated SIM (market saturation: 133%)



SP/MVNO
Market Share:
~ 30%

... based on
these MNOs:



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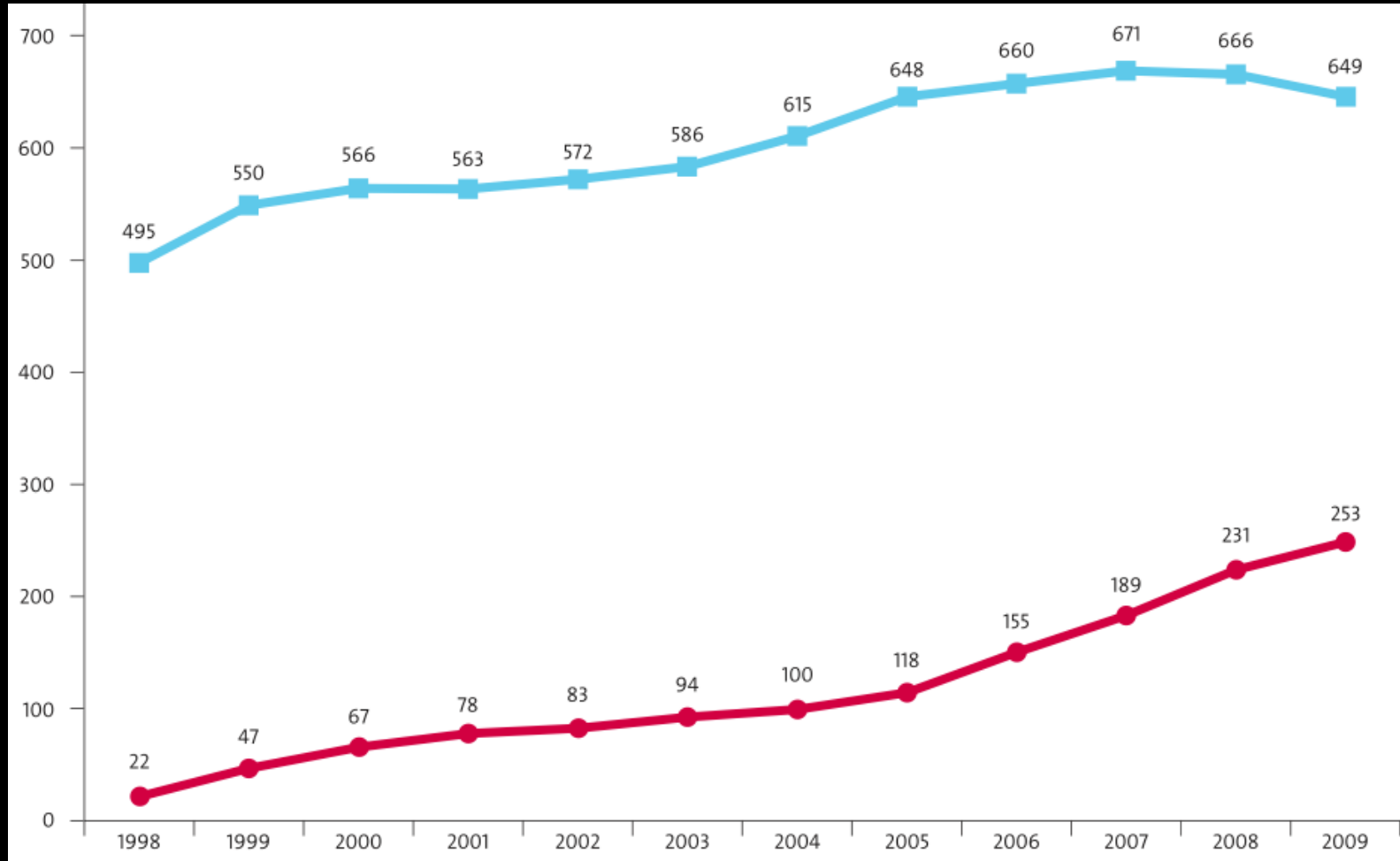
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4

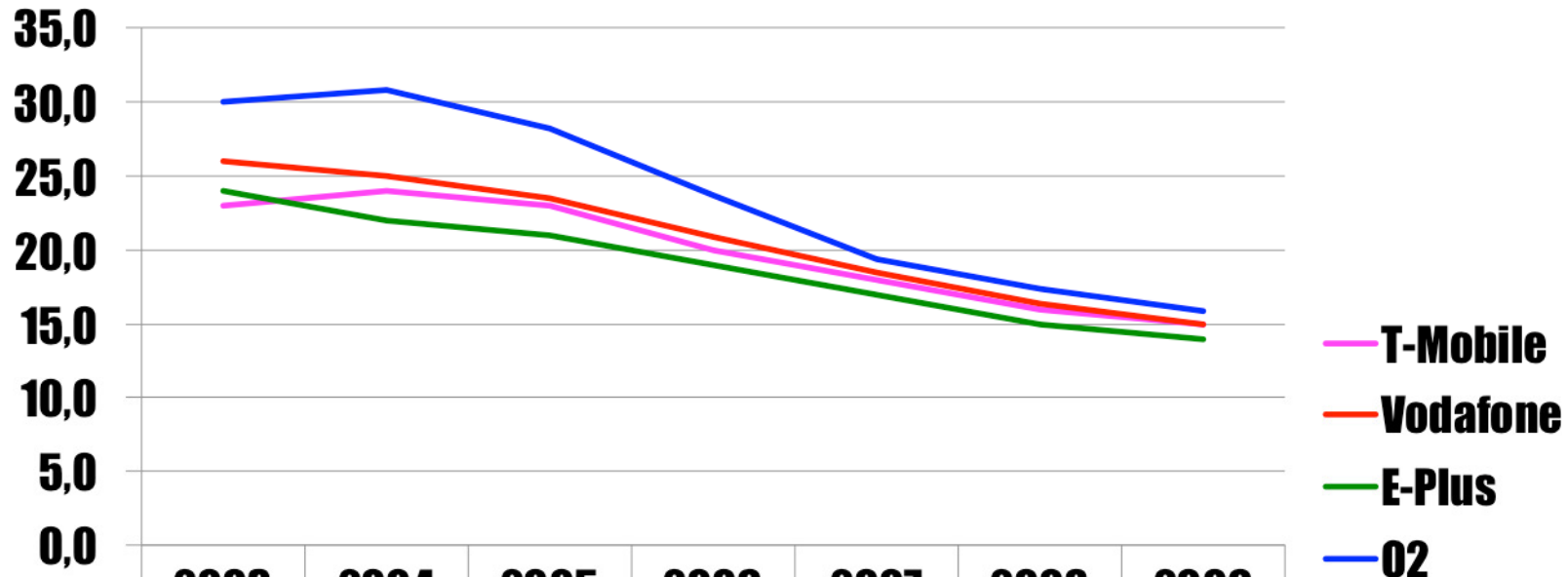
MOU outbound / day (in million)

Fixed Wireless (28%)



Blended ARPU Development in €

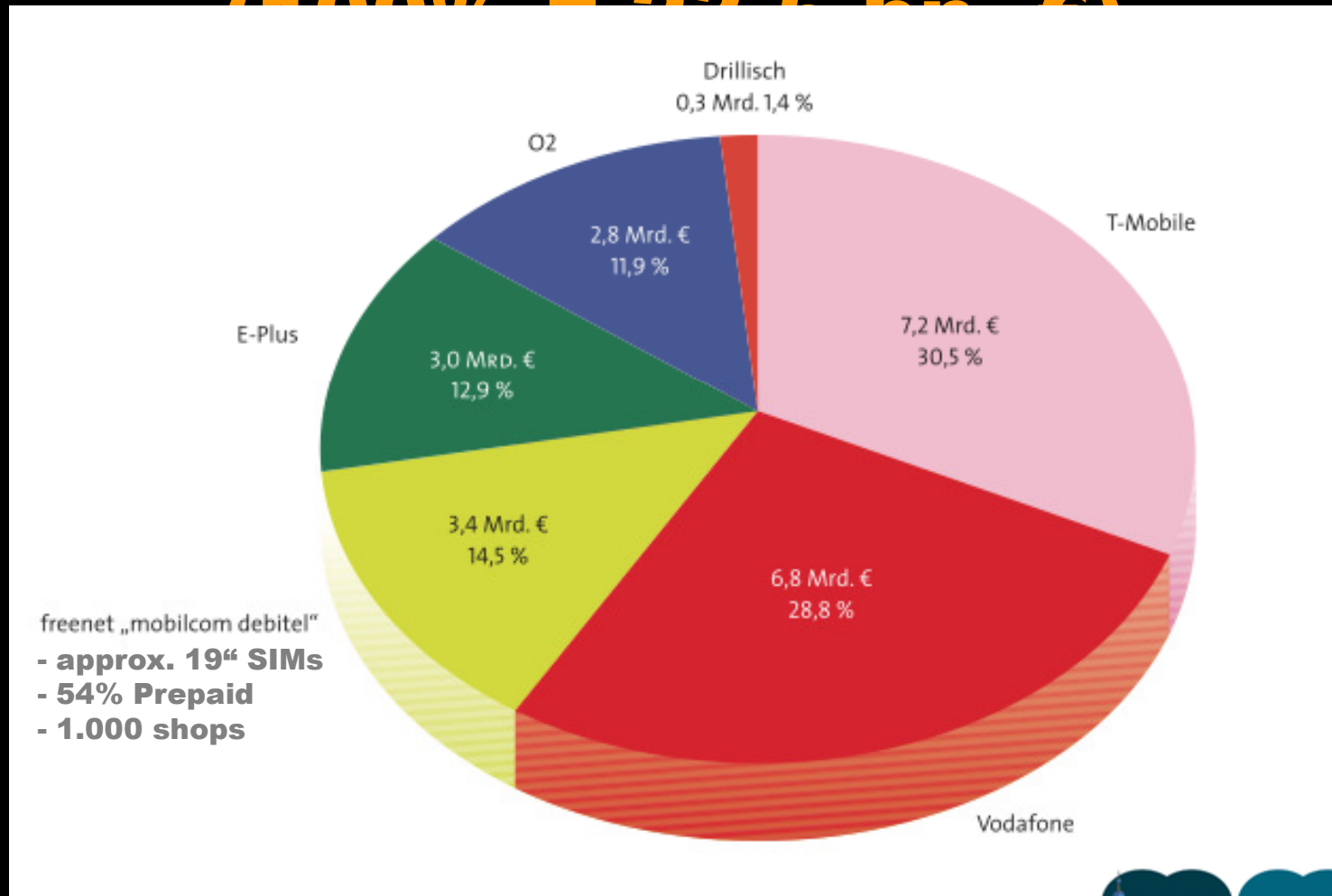
55% Prepaid



	2003	2004	2005	2006	2007	2008	2009
T-Mobile	23,0	24,0	23,0	20,0	18,0	16,0	15,0
Vodafone	26,0	25,0	23,5	20,9	18,5	16,4	15,0
E-Plus	24,0	22,0	21,0	19,0	17,0	15,0	14,0
O2	30,0	30,8	28,2	23,7	19,4	17,4	15,9

Market Share per Revenue incl. SPs

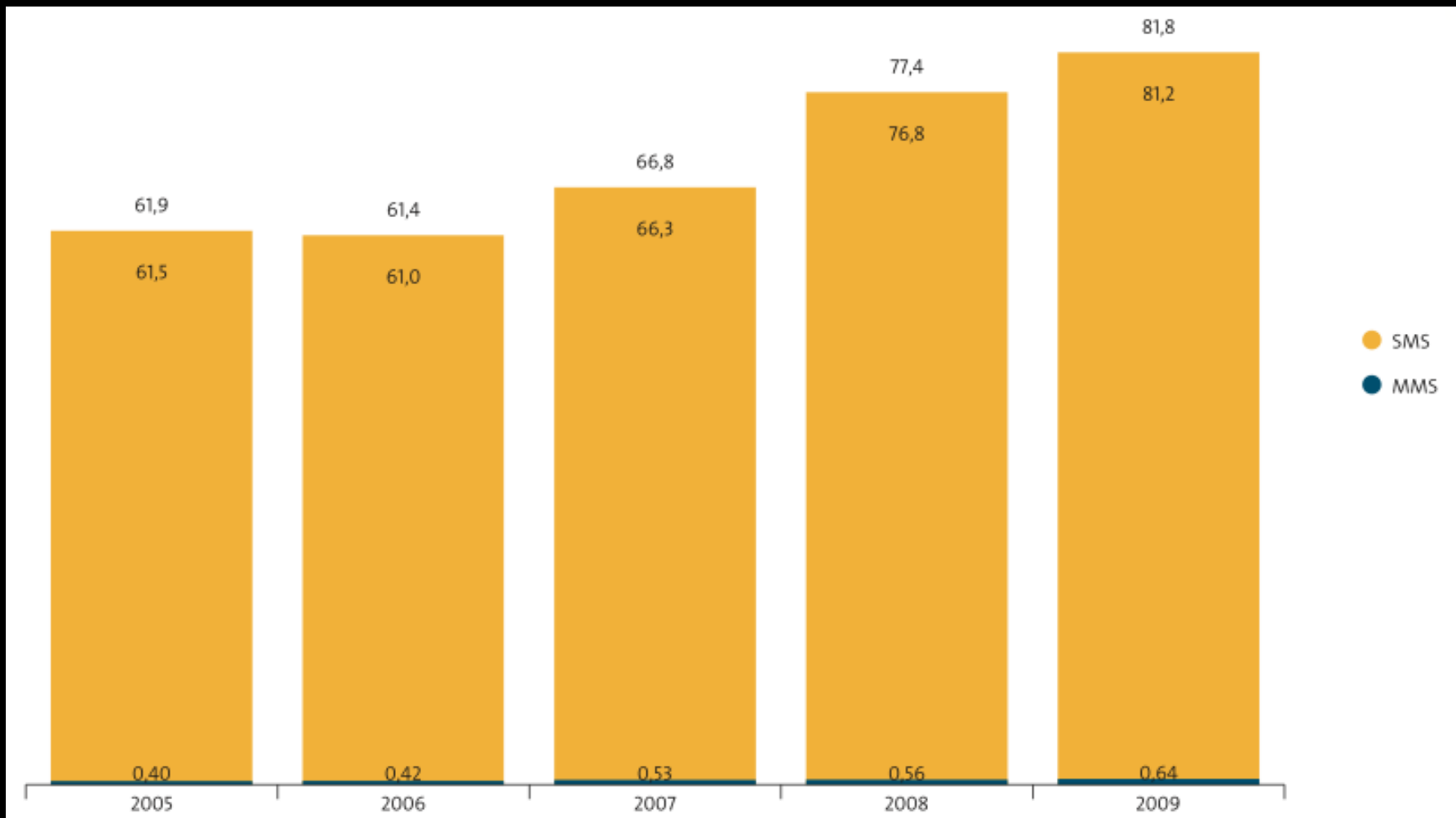
(100% = 22.5 bn €)



Mill. Messages/day x all networks

Ø 1 SMS / inhabitant / day

~ 30 bn. SMS / year



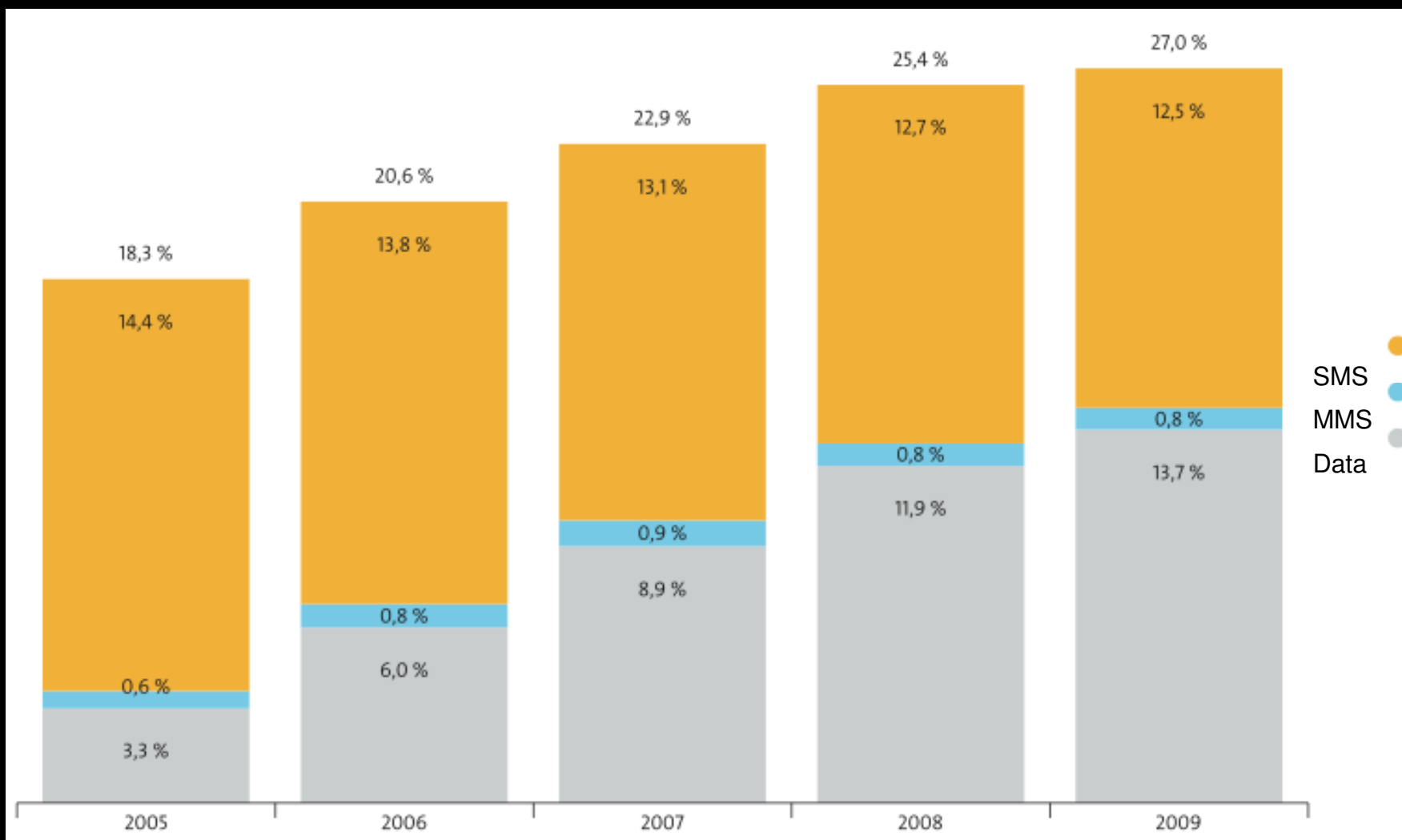
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8

Non-SMS Data is driver for growth in Non-Voice-ARPU



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9

Düsseldorf / DUS

The Mobile Capital of Europe

- **> 50% of all SIMs distributed out of DUS**
 - **E-Plus, Vodafone**
- **> 50% of all Devices sold out of DUS**
 - **LG, Nokia, RIM, Sony Ericsson**
- **Infrastructure Giants choose DUS as hub**
 - **Ericsson, Huawei, NSN, ZTE**
- **DUS as initial point of important pilots**
 - **LTE, NFC/RFID, Future Store**
- **Excellent climate for SMEs and Start-Ups**
 - **„Where Business meets Lifestyle“**



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MOBILE CAPITAL
DÜSSELDORF**

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