

**Table 1 — Outcome of 3G mobile licence auctions**

Status at 31 December 2002

	Economy	Auction date	Number of winners	Amount (USD million)	Remarks
1	United Kingdom	April 2000	5	35 411	The four incumbents were awarded licences plus a new entrant
2	Netherlands	July 2000	5	2515	All five incumbents won the licences
3	Germany	August 2000	6	46 323	Four incumbents won licences
4	Italy	October 2000	5	10 084	Three of four incumbents won licences
5	Austria	November 2000	6	716	All six bidders won licences, including the four incumbents
6	Switzerland	December 2000	4	121	Four bids for four licences
7	New Zealand	January 2001	5	60	Four licences were awarded at auction and a fifth was set aside for the Maori people
8	Canada	February 2001	5	931	Five bidders won 52 regional licences
9	Belgium	March 2001	3	418	Three bids received for four licences on offer
10	Australia	March 2001	6	578	Two national and various regional licences were awarded to six bidders
11	Singapore	April 2001	3	166	Auction cancelled since there was the same number of bids as licences to be awarded. Each licence was awarded for the reserve price
12	Greece	July 2001	3	414	Four licences had been on offer. The three incumbents were awarded licences
13	Hong Kong, China	September 2001	4	671	Bidders had to pre-qualify. Only four bidders for four licences. Amount equals bid plus minimum royalty payments for 15 years
14	Denmark	October 2001	4	496	Sealed bid where licence price corresponded to the fourth highest bid in the auction
15	Slovenia	November 2001	1	90	Licence awarded to only bidder (three licences had been offered)
16	Czech Republic	December 2001	2	203	Two incumbents won with the third not participating
17	Israel	December 2001	3	157	Won by the three incumbents
18	Taiwan, China	February 2002	5	1397	Only three of six incumbents won licences
19	Latvia	October 2002	2	19	Two incumbents bid for three licences
	<b>Total</b>		<b>77</b>	<b>100 771</b>	

**Table 2 — Outcome of 3G mobile licence beauty contests**

Status at 31 December 2002

	Country	Date licence awarded	Number of licences	Amount (USD million)	Remarks
1	Finland	March 1999	4	–	Administrative fee of EUR 1000 per 25 kHz
2	Spain	March 2000	4	444	Amount does not include yearly radio spectrum fees

3	Japan	August 2000	3	–	Two W-CDMA and one CDMA2000 1X
4	Norway	June 2000	3	45	In addition, each licensee is expected to pay USD 2.2 million per year as frequency usage charge
5	Portugal	December 2000	4	360	Not including annual spectrum fee
6	Poland	December 2000	3	1839	Awarded to three incumbents
7	Korea (Republic of)	December 2000 August 2001	3	2886	KTF and SK Telecom awarded W-CDMA licences followed by LG Telecom (CDMA2000 1X)
8	Sweden	December 2000	4	–	Spectrum use fee and 0.15 per cent of turnover
9	France	July 2001 May	3	1042	Bouygues Telecom was awarded a 3G licence, at a lower price, after the two incumbents, France Telecom and SFR
10	Luxembourg	May 2002	3	–	Annual spectrum usage fee of 0.2 per cent of turnover or a minimum of EUR 200 000
11	Ireland	June 2002	3	173	Two incumbents awarded licence plus new entrant
12	Slovakia	June 2002	2	67	Three licences had been awarded but one was later withdrawn
13	Malaysia	July 2002	2	26	Additional maintenance fees based on the number of transmitters set up in each licensee's 3G network
	<b>Total</b>		<b>41</b>	<b>6882</b>	

**Table 3 — Regional distribution of 3G licences and deployments**

*Status at 31 December 2002*

Region	3G licences <sup>1</sup>			CDMA2000 1x <sup>2</sup>				Total	
	Number of countries	Number of licences	Licence fees (USD million)	Number of country launches	Number of operator launches	Number of country launches	Number of operator launches	Number of countries	Number of launches
Africa	–	–	–	–	–	–	–	–	–
Americas	1	3	931	–	–	9	20	9	20
Asia	7	23	4310	1	3	3	5	4	8
Europe	26	83	100 588	3	4	3	3	6	7
Oceania	2	10	673	–	–	2	2	2	2
<b>Total</b>	<b>36</b>	<b>119</b>	<b>106 502</b>	<b>4</b>	<b>7</b>	<b>17</b>	<b>30</b>	<b>21</b>	