|  |  |  |
| --- | --- | --- |
| Country | Year break detection | Policy interventions |
| Denmark | 2012 | 2008: Carbon tax increase from 13e/CO2 to 23e/CO2  2010: “Green ownership tax” replaces weight based taxes for light commercial vehicles    2010: Vehicle tax increase for cars without particle filters |
| Finland | 2000 | 1996-1999: Carbon tax increases from 2.3e/CO2 in 1996 to 18e in 1999  2001: Car ownership tax base changed from total mass to CO2 emissions |
| Germany | 2002/2003 | 1999-2003: “Ecological Tax Reform“ increases motor fuel tax annually by 3.07e ct/liter over five years  2001: Harmonization of commuter tax deduction between transport modes  2004: Mandatory fuel efficiency labelling for passenger vehicles  2005: Road tolls for trucks (originally planned for 2003) |
| Ireland | 2011 | 2008: Vehicle registration tax base and annual motor tax base shifts from  engine size to CO2 emissions  2009: Tax incentives for purchase of bicycles for commuting of up to 1,000e  2010: Introduction of a 15e/CO2 carbon tax  2010: Biofuel obligations require blending 4% (6%) biofuels in 2010 (2013) |
| Ireland | 2015 | 2014: Carbon tax increase to 20e |
| Luxembourg | 2007 | 2007: Vehicle tax reform based on CO2 emissions  2007: Subsidy for purchase of energy efficient vehicles of 750e  2007-2008: “Kyoto Cents” law raises fuel tax by 2e ct/liter for gasoline  and 2.5e ct/liter for diesel |
| Luxembourg | 2015 | 2013-2014: Subsidies for electric vehicles & vehicles with < 60g/km CO2  2015: VAT raise from 15% to 17% increases tax burden of fueling and  buying vehicles |
| Portugal | 2011 | 2007: Vehicle ownership tax reform based on CO2 emissions  2010: Financial incentives to purchase electric vehicles  2012: Introduction of nationwide road tolls on motorways and trunk roads  2015: Introduction of a 5e/CO2 carbon tax |
| Sweden | 2001 | 2001-2006: “Green Tax Shift“  (i) carbon tax increase from 40ein 2000 to 57e in 2001 to 100e in 2006  (ii) exemptions for biofuels from energy and carbon taxation since 2002  (iii) tax benefits for green company cars since 2002 |
| Sweden | 2006 | 2005: Pump Act mandates fuel stations to supply biofuel  2006: Introduction of congestion charges in Stockholm  2007-2009: Subsidy of up to 1000e for eco-friendly vehicles  2008-2009: Carbon tax increase from 100e/CO2 in 2006 to 110e in 2008  to 114e in 2009 |

YELLOW: found exactly same policy in policy table

ORANGE: found policy in text

RED: did not find policy