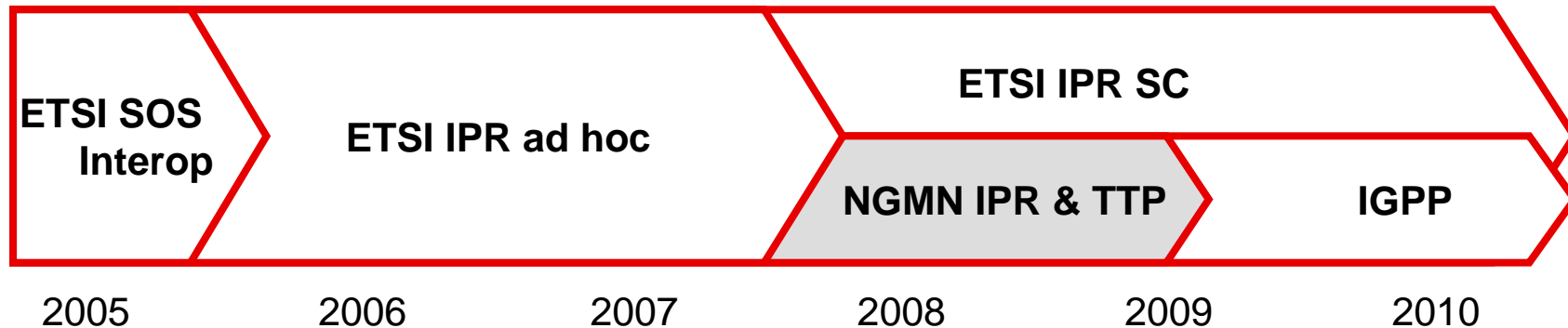


## A quick look back into IPR industry collaboration prior to 4G



### **NGMN IPR Plenary**

- > Addressed the commercial elements of “IPR predictability” in 4G
- > IPR impact of next generation radio technology & licensing models on future products

### **NGMN IPR Trusted Third Party process**

- > Confidential declaration of individual IPR royalty T&Cs
- > Aggregation of T&Cs by Trusted Third Party (TTP), report to NGMN members



# The NGMN experience



## The NGMN IPR & TTP experience

- > There was **healthy** discussion about how the technologies come to market in form of products and the respective considerations about licensing structures
- > Tried to determine the cumulative royalty burden by **aggregation** of maximum licensing demands declared by candidate technology licensors

## Market forces understood the message

- > Individual key industry players have made unilateral **public statements** about the anticipated cumulative technology licensing burden



## What can be learnt ?



### Have organised industry consultations proven valuable ?

1. Technical consultations in SDOs ?
2. Market-level consultations in NGMN to achieve a common understanding of technology & licensing impacts on future markets, products and services ?
3. The NGMN TTP process ?

### Can market forces help determining cumulative royalty burden ex-ante ?

- A. Key industry players making unilateral and independent **public statements** about the anticipated cumulative technology licensing burden ?
- B. Is such a set of publicly available data points helpful as an **industry commitment** to future licensing terms ?

