



# Hybrid TV in Europe & beyond Symposium

*December 17<sup>th</sup> & 18<sup>th</sup> 2012*

*Sponsored by*



*and*



*Organized by*





# Network distribution and hybrid TV services

Moderator **Mr. Stanislas L ridon** - Dotscreen

**Mr. Roland Chedlivili**, TDF

**Mr. Yohann Leroy**, Eutelsat

**Mr. Mohammed Dadas**, FFT

**Mr. Xavi Redon**, Abertis

Gold sponsor



Silver sponsor





# Abertis presentation

Gold sponsor



Silver sponsor



# We are a Network Operator





# Viewers are starting to consume in different ways



# Hybrid reinforces DTT

# Hybrid needs monetization tools

- Content protection (DRM)
- Seamless switching between Ads and programs (live and VoD)
- Target device need to be identifiable



FORO DE LA TDT  
and  
BROADCASTERS



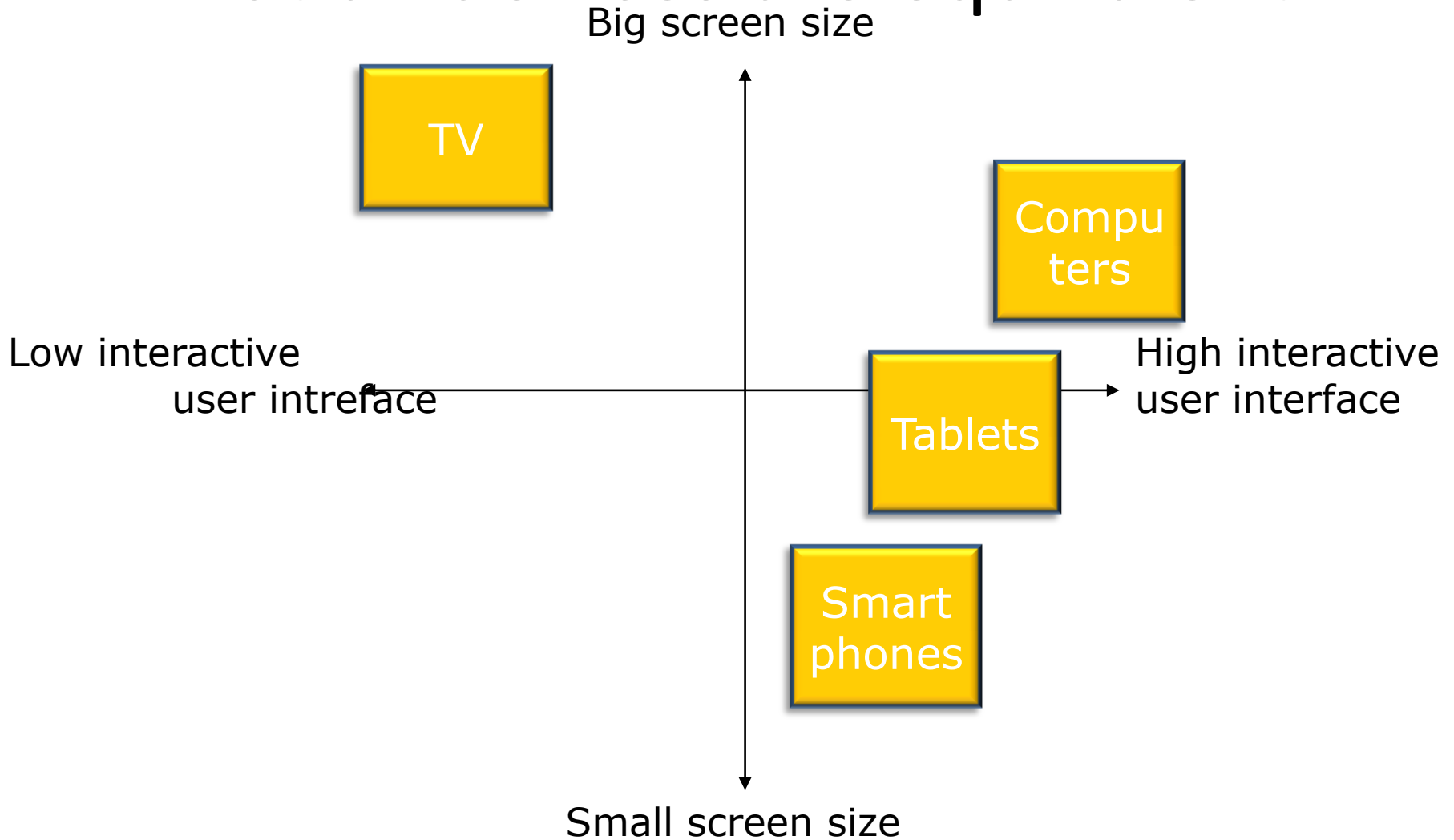
abertis proposed  
as certification  
entity:

- Spec.
- Logo
- Cert. Rules



Final name pending to be defined

# Not all devices are equivalent





# Not all services are equivalent

Long time required

Complete  
VoD

News  
papers

Video only

Data only

You  
Tube

Info  
services

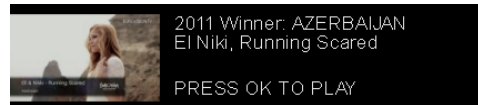
Short time required

# Abertis provides HbbTV services in

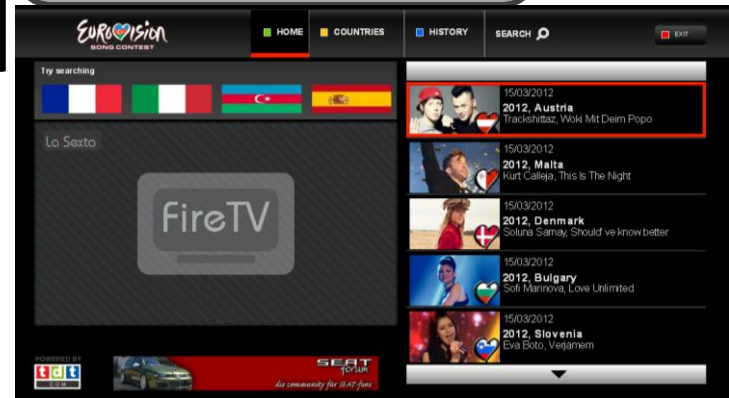
- We believe that killer apps for the cl Hybrid TV are:

- long videos
- Content related apps

## TVtuit



## VOD



## Tweeter App

@Eurovision What about the gallery of the 2008 participant of Hungary?  
#eurovision - <http://t.co/YRBaw3fi>



La Sexta  
(National)



TVC  
(Catalunya)



Telemadrid  
(Madrid)



Canal Sur  
(Andalucia)



RTRM  
(Murcia)



IB3  
(Balears)



TVG  
(Galicia)



RTVC  
(Canarias)



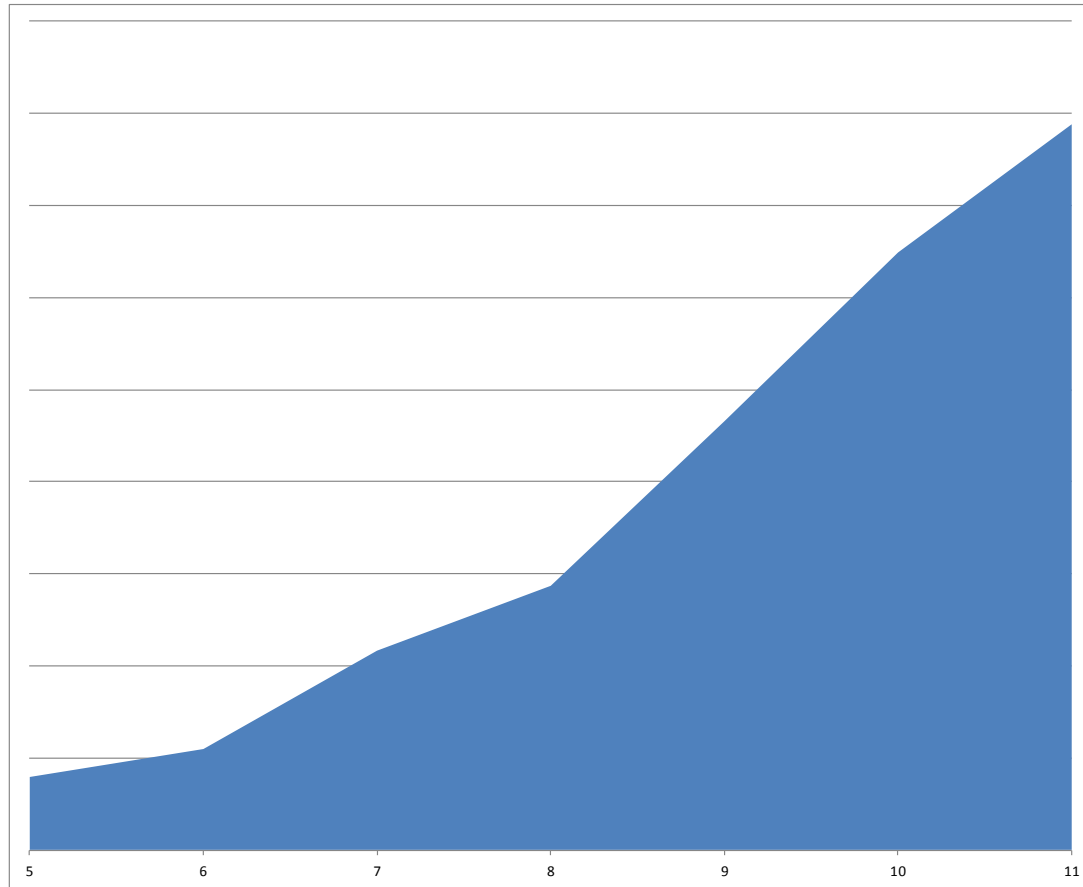
EITB  
(Euskadi)



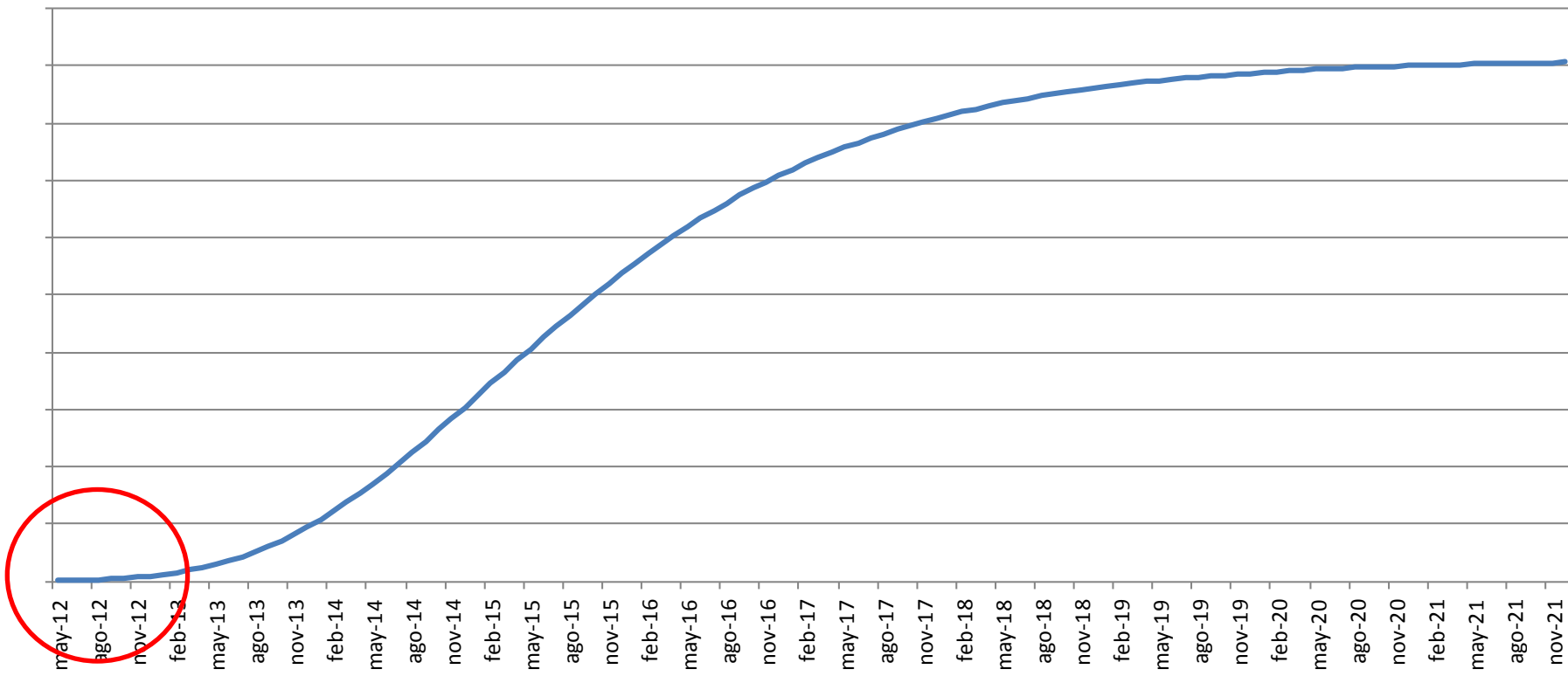
TeleBadalona  
(Local)



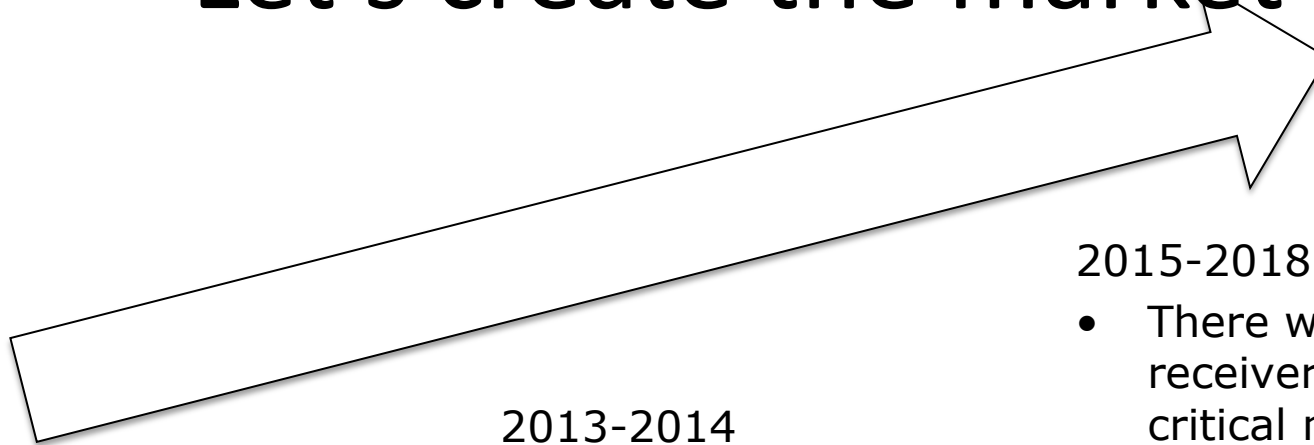
# Number of HbbTV users is growing every day...



but we are just at the beginning



# Let's create the market



2011-2012

- No receivers on the market
- Free to air content distribution

2013-2014

- HbbTV receivers figures growing
- Real Testing time
- Content distribution with Advertising

2015-2018

- There will be receiver markets critical mass
- Business volumes high and medium slop growing
- We are Technical partners for OTT broadcaster services

Starting

Learning

Making Money

# From the same cloud service to any device





# Conclusions

- Hybrid TV reinforces DTT
- Hybrid TV needs to be a business for commercial broadcasters
- A logo spec is needed to complement the standard
- Advertising needs critical mass and we are still not there, but that critical mass will arrive.

# Thank you

Xavier Redon

xavier.redon@abertisteleco  
m.com



Gold sponsor



Silver sponsor



# We are a Network Operator



# Viewers are starting to consume in different ways



# Hybrid reinforces DTT



# Hybrid needs monetization tools

- Content protection (DRM)
- Seamless switching between Ads and programs (live and VoD)
- Target device need to be identifiable



FORO DE LA TDT  
and  
BROADCASTERS



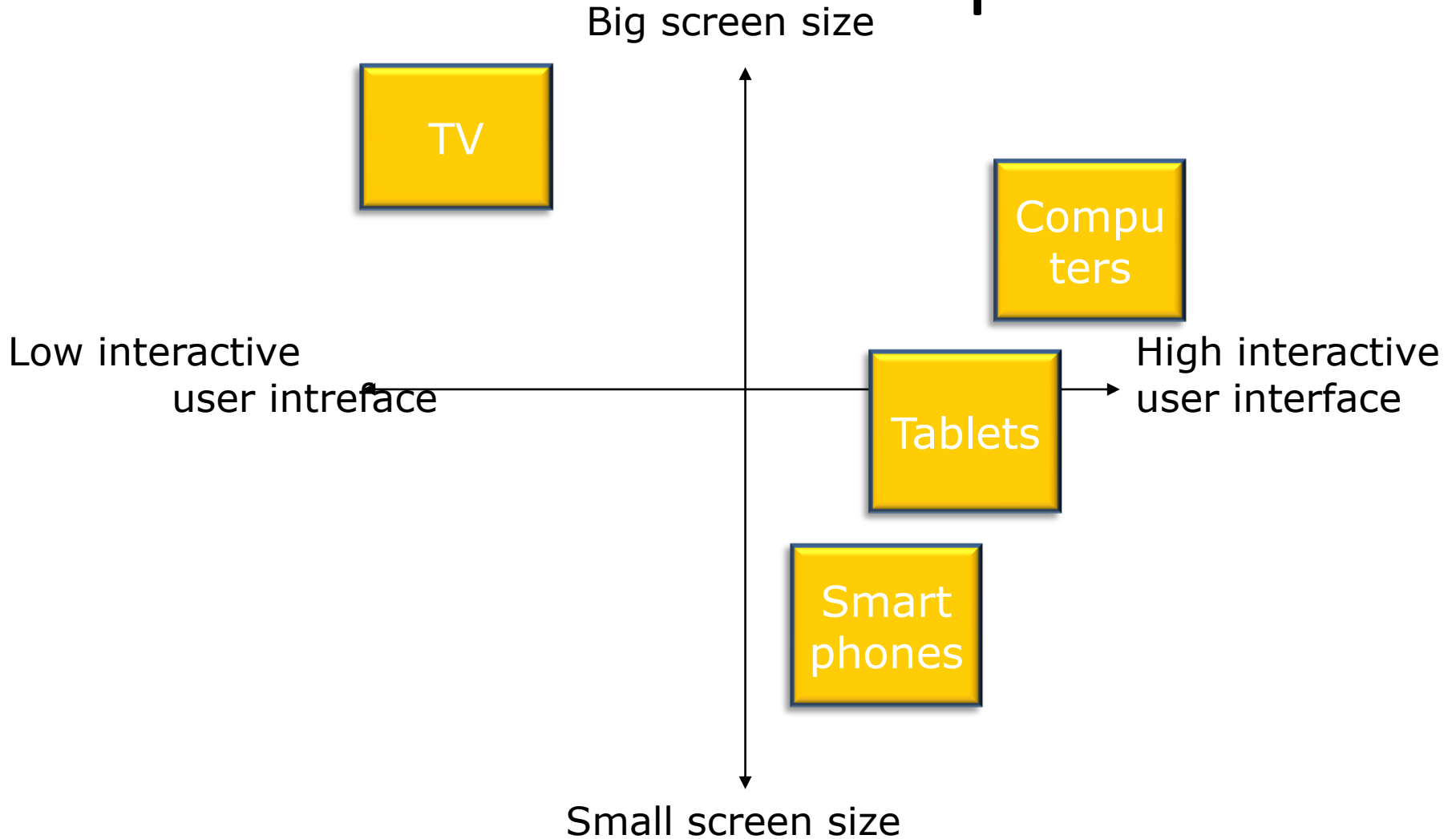
abertis proposed  
as certification  
entity:

- Spec.
- Logo
- Cert. Rules



Final name pending to be defined

# Not all devices are equivalent



# Not all services are equivalent

Long time required

Complete  
VoD

Video only

News  
papers

Data only

You  
Tube

Info  
services

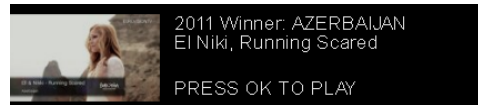
Short time required

# Abertis provides HbbTV services in

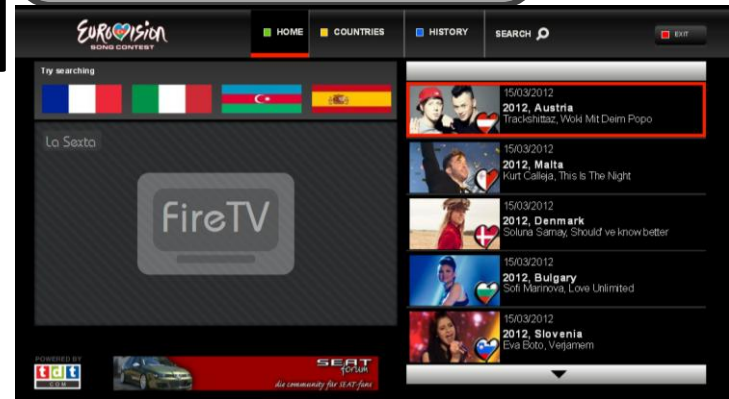
- We believe that killer apps for the cloud Hybrid TV are:

- long videos
- Content related apps

## TVtuit



## VOD



## Tweeter App

@Eurovision What about the gallery of the 2008 participant of Hungary?  
#eurovision - <http://t.co/YRBaw3fi>



La Sexta  
(National)



TVC  
(Catalunya)



Telemadrid  
(Madrid)



Canal Sur  
(Andalucia)



RTRM  
(Murcia)



IB3  
(Balears)



TVG  
(Galicia)



RTVC  
(Canarias)



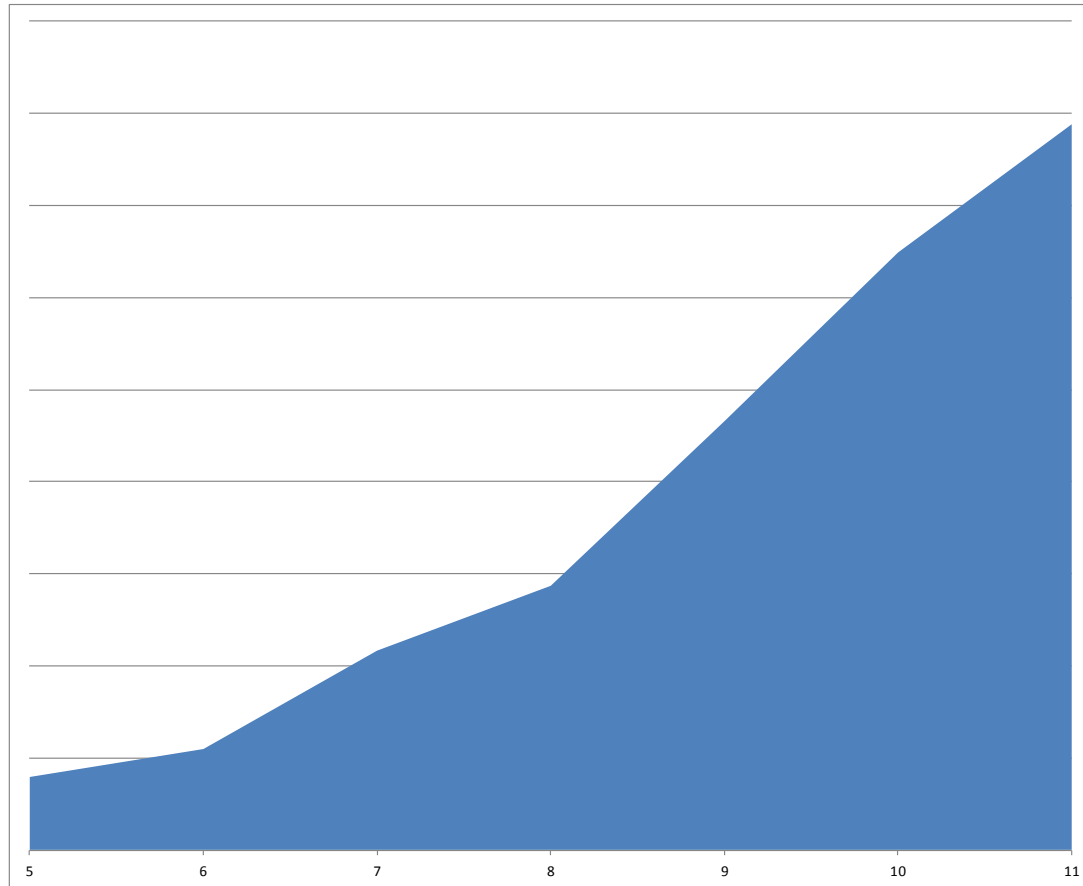
EITB  
(Euskadi)



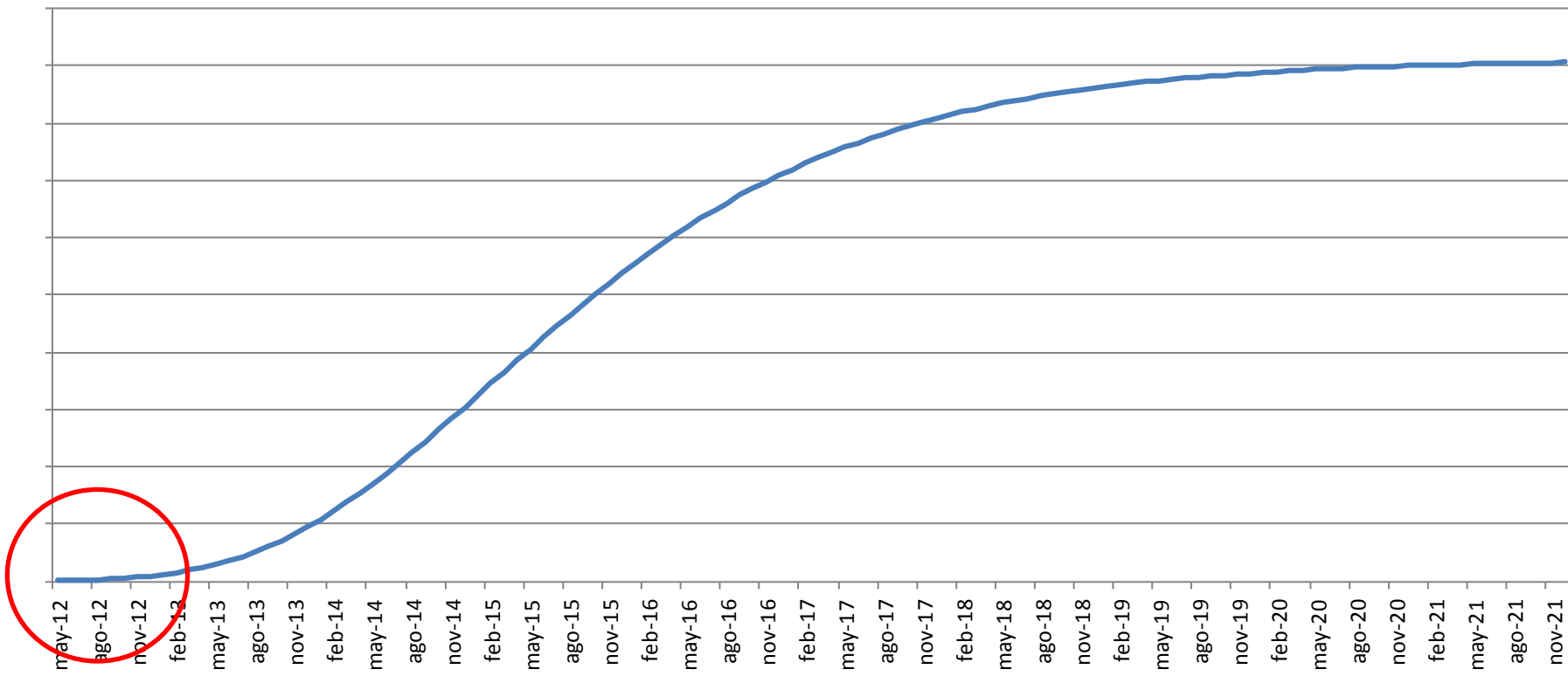
TeleBadalona  
(Local)



# Number of HbbTV users is growing every day...

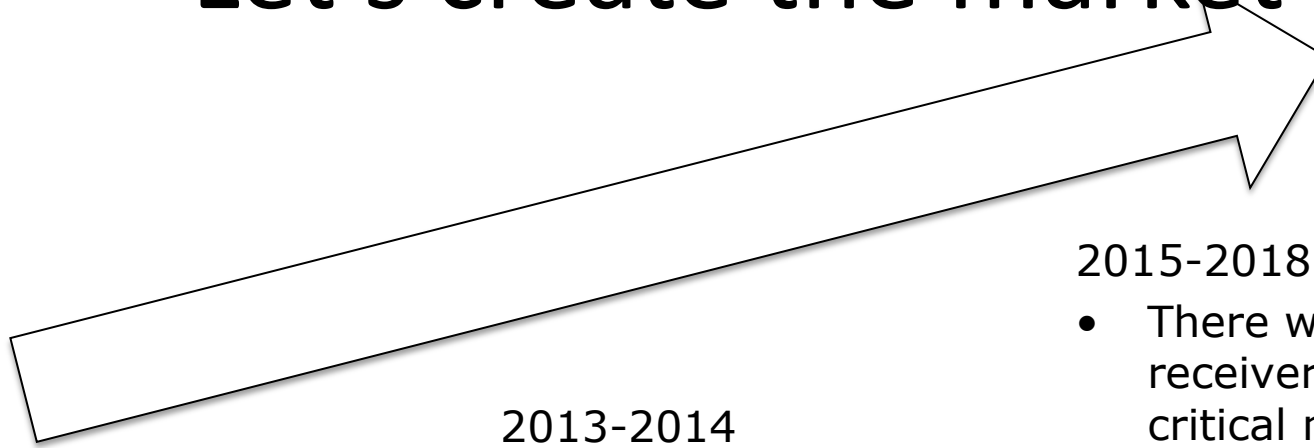


but we are just at the beginning





# Let's create the market



2011-2012

- No receivers on the market
- Free to air content distribution

2013-2014

- HbbTV receivers figures growing
- Real Testing time
- Content distribution with Advertising

2015-2018

- There will be receiver markets critical mass
- Business volumes high and medium slop growing
- We are Technical partners for OTT broadcaster services

Starting

Learning

Making Money

# From the same cloud service to any device



# Conclusions

- Hybrid TV reinforces DTT
- Hybrid TV needs to be a business for commercial broadcasters
- A logo spec is needed to complement the standard
- Advertising needs critical mass and we are still not there, but that critical mass will arrive.

# Thank you

Xavier Redon

xavier.redon@abertisteleco  
m.com



# Eutelsat presentation

Gold sponsor



Silver sponsor





# We are a Network Operator





# Viewers are starting to consume in different ways





# Hybrid reinforces DTT

# Hybrid needs monetization tools

- Content protection (DRM)
- Seamless switching between Ads and programs (live and VoD)
- Target device need to be identifiable



FORO DE LA TDT  
and  
BROADCASTERS



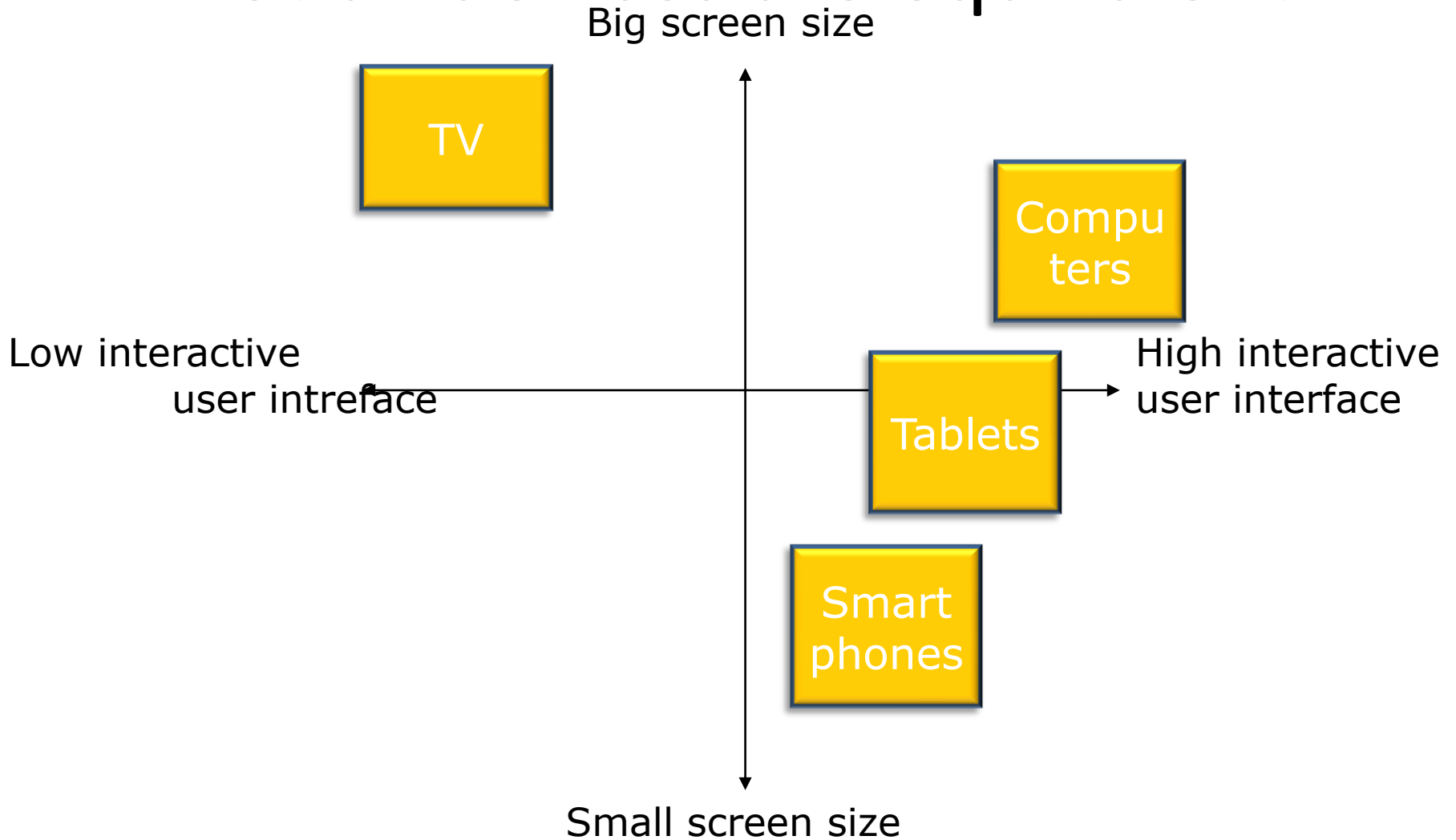
abertis proposed  
as certification  
entity:

- Spec.
- Logo
- Cert. Rules



Final name pending to be defined

# Not all devices are equivalent



# Not all services are equivalent

Long time required

Complete  
VoD

News  
papers

Video only

Data only

You  
Tube

Info  
services

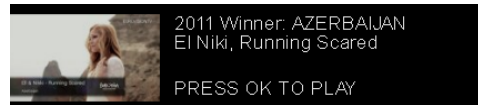
Short time required

# Abertis provides HbbTV services in

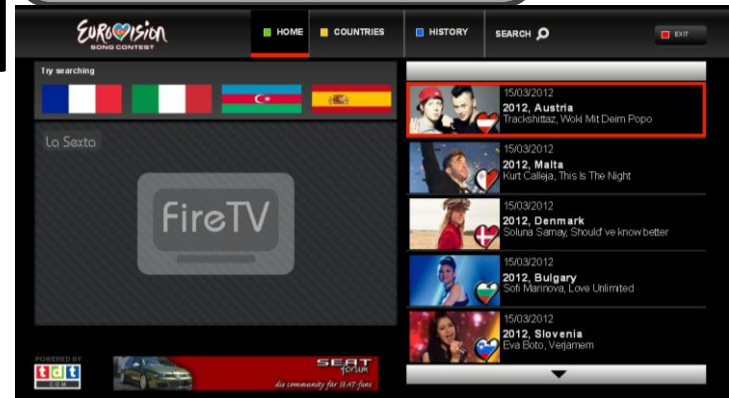
- We believe that killer apps for the cl Hybrid TV are:

- long videos
- Content related apps

## TVtuit



## VOD



## Tweeter App



@Eurovision What about the gallery of the 2008 participant of Hungary?  
#eurovision - <http://t.co/YRBaw3fi>



La Sexta  
(National)



TVC  
(Catalunya)



Telemadrid  
(Madrid)



Canal Sur  
(Andalucia)



RTRM  
(Murcia)



IB3  
(Balears)



TVG  
(Galicia)



RTVC  
(Canarias)



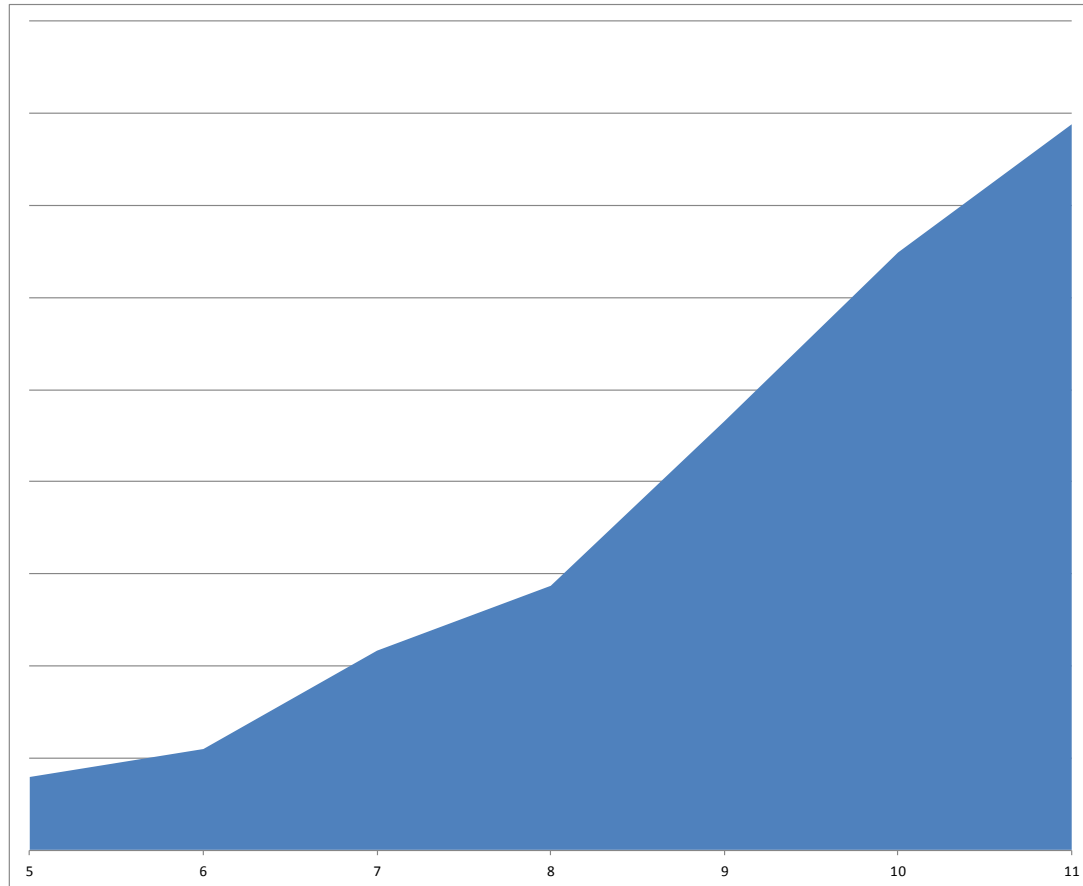
EITB  
(Euskadi)



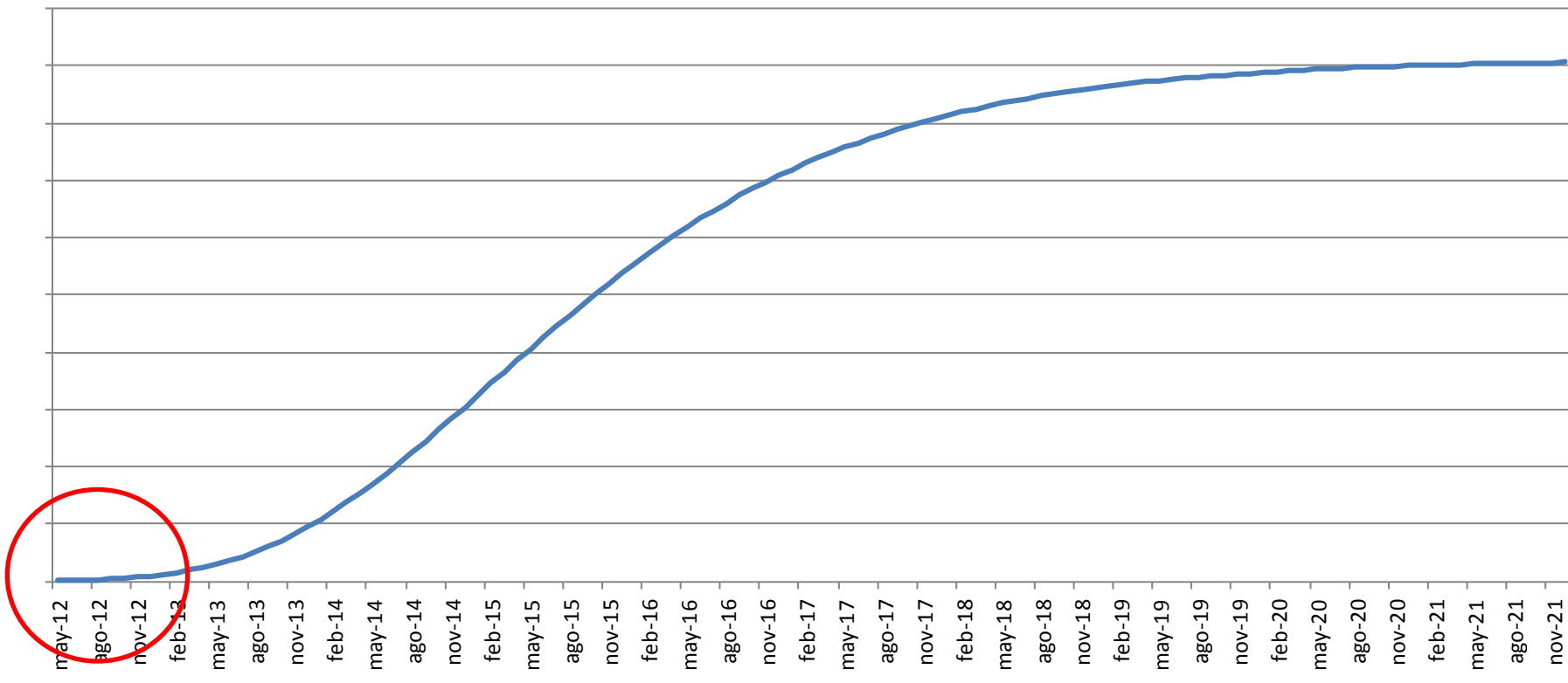
TeleBadalona  
(Local)



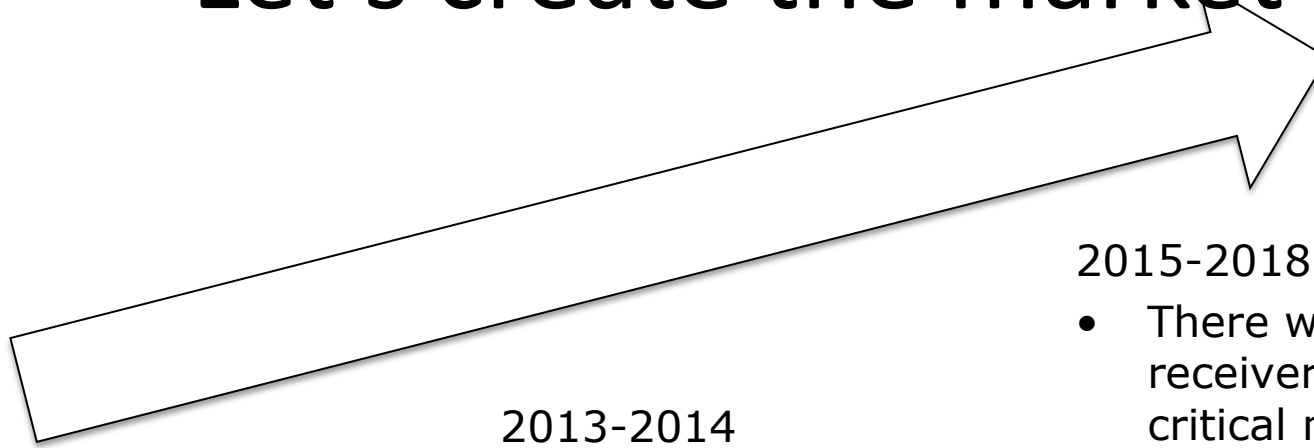
# Number of HbbTV users is growing every day...



but we are just at the beginning



# Let's create the market



2011-2012

- No receivers on the market
- Free to air content distribution

2013-2014

- HbbTV receivers figures growing
- Real Testing time
- Content distribution with Advertising

2015-2018

- There will be receiver markets critical mass
- Business volumes high and medium slop growing
- We are Technical partners for OTT broadcaster services

Starting

Learning

Making Money



# From the same cloud service to any device



# Conclusions

- Hybrid TV reinforces DTT
- Hybrid TV needs to be a business for commercial broadcasters
- A logo spec is needed to complement the standard
- Advertising needs critical mass and we are still not there, but that critical mass will arrive.

# Thank you

Xavier Redon

xavier.redon@abertisteleco  
m.com



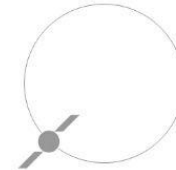
# Eutelsat presentation

Gold sponsor



Silver sponsor

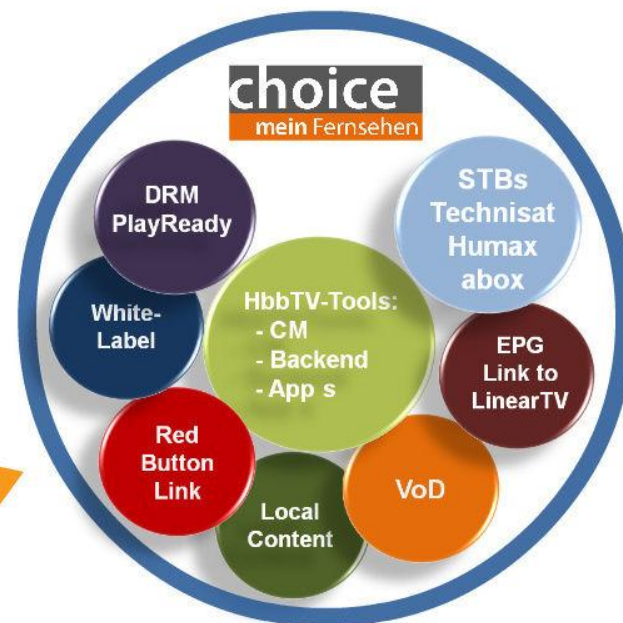
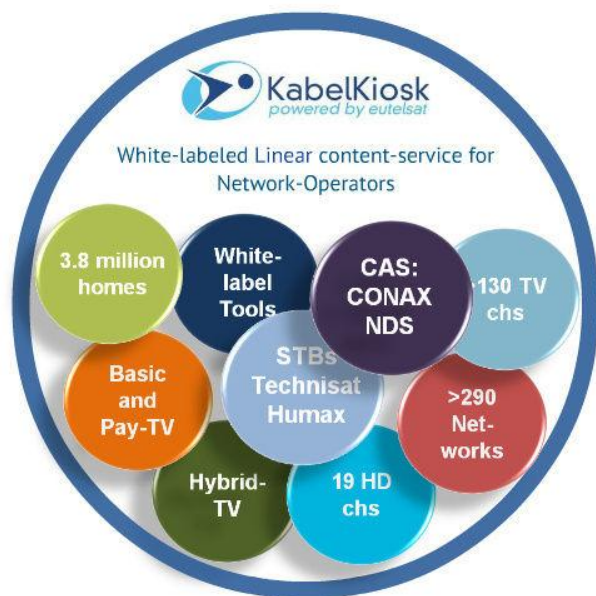




Eutelsat visAvision GmbH

## From linear to non-linear PayTV with HbbTV

December 2012  
Heinrich E. Haase



From linear

to non-linear Pay-TV

with

**HbbTV**





White-labeled Linear content-service for  
Network-Operators

**3.8 million  
homes**

**White-  
label  
Tools**

**CAS:  
CONAX  
NDS**

**>130 TV  
chs**

**Basic  
and  
Pay-TV**

**STBs  
Technisat  
Humax**

**>290  
Net-  
works**

**Hybrid-  
TV**

**19 HD  
chs**

# ONE STOP SHOP

Subscriber Management

Marketing Support

Packaging & Pricing

Operator's Microsites

Content Procurement & Licensing

Support in legal issues & media law

Product live cycle Management

Platform Operation



# **choice**

mein Fernsehen

**DRM  
PlayReady**

**STBs  
Technisat  
Humax  
abox**

**White-  
Label**

**HbbTV-Tools:**  
- CM  
- Backend  
- App s

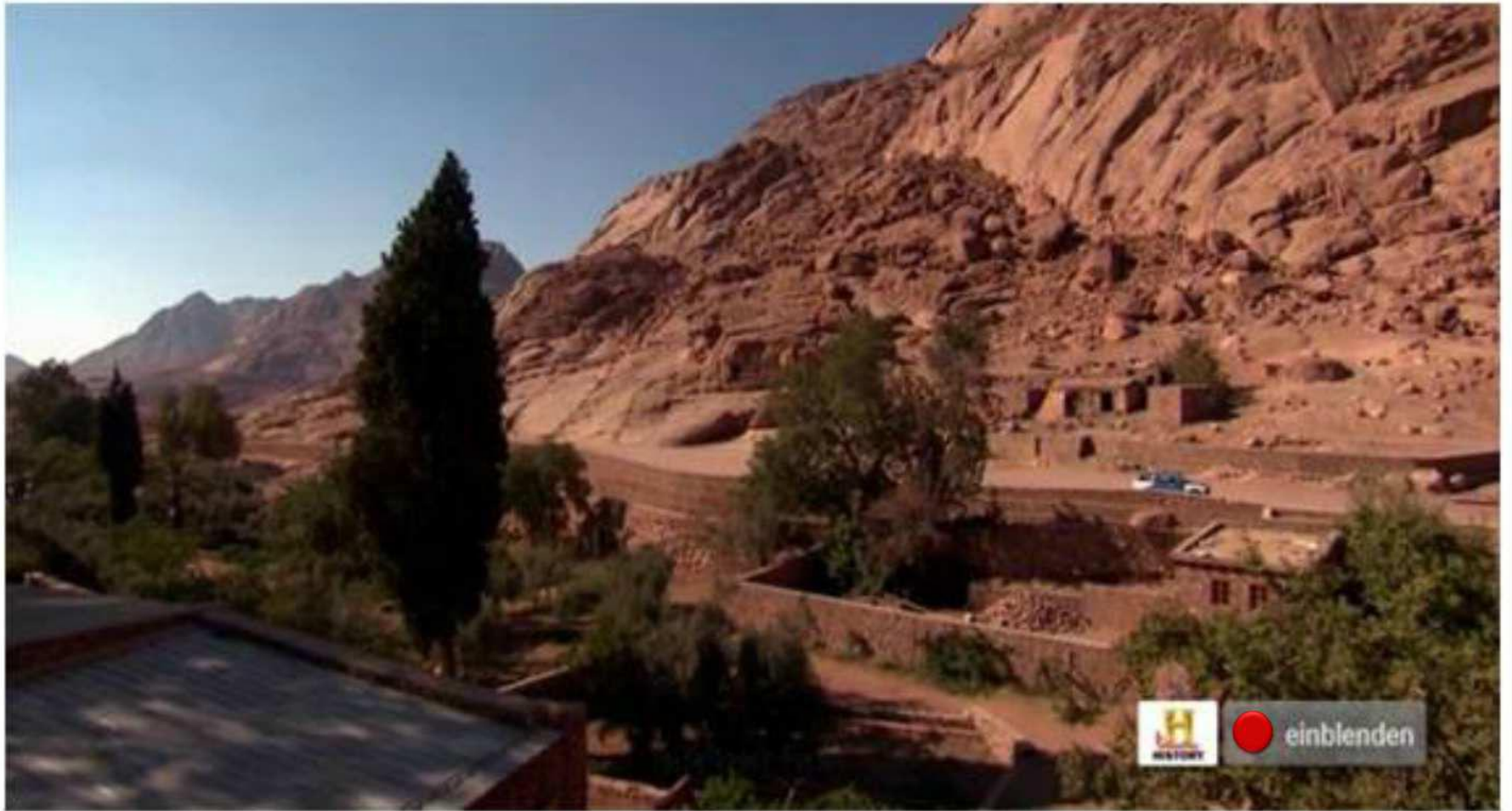
**EPG  
Link to  
LinearTV**

**Red  
Button  
Link**

**VoD**

**Local  
Content**





einblenden

choice  
mein Fernsehprogramm



VIDEO  
SHOP



SD Filme

Alle

HD Filme

TV Sender

Studios

Letzte  
Chance

Demnächst

Empfehlung

Neuheiten

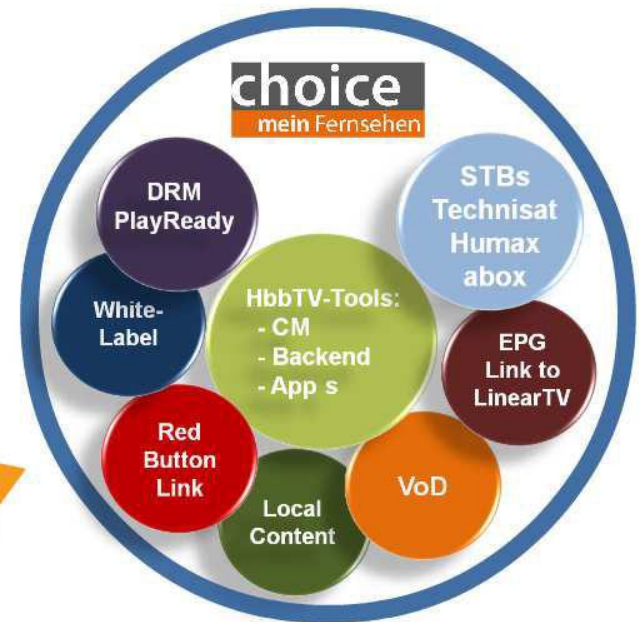
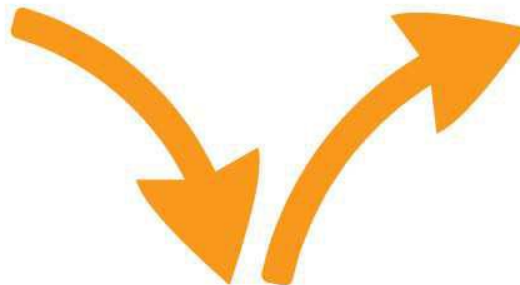
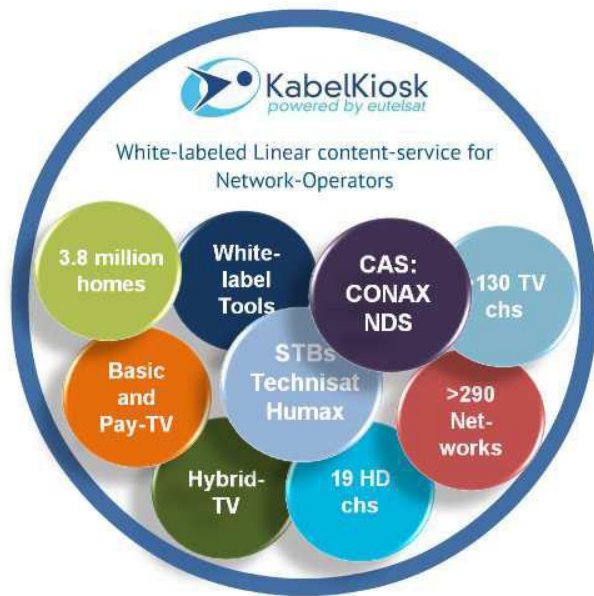
Neuheiten  
zum Kaufen

Neuheiten  
zum Leihen



powered by **rovi**





From linear

to non-linear Pay-TV

with

**HbbTV**

# WHAT NEXT ?

Watch on Connected TV

- > HbbTV 1.5 + DRM + MPEG-CENC

Watch on any hybrid Network

- > IPTV/OTT solution

Watch on any device

- > DVB-CENC and MPEG-DASH



**eutelsat**  
COMMUNICATIONS

Many thanks for listening  
...happy to discuss further!



## Get in contact

Eutelsat visAvision GmbH  
Im MediaPark 8a  
50670 Cologne  
+49-221-65 00 45 0

[www.kabelkiosk.de](http://www.kabelkiosk.de)