



# Public Policies for Cinema in Portugal: The non-commercial film exhibition sector

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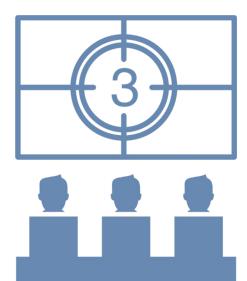
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#### Dissertation

Research project \*

"Non-commercial Film exhibition in Portugal"

Developed by the Faculty of Economics (FEP) and CITCEM, with the collaboration of the Portuguese Institute of Cinema and Audiovisual (ICA)



The Film Industry is acknowledged for its strong impact and economic reach

Under this scenario, **Film exhibition** is essential when it comes to culture

#### **Objectives (and motivation)**

Adding knowledge to the non-commercial film exhibition "sector" in Portugal, its characteristics and contextualization under European cultural policies — Due to the scarcity of information regarding the sector, especially concerning the **non** and **semi-commercial circuits** or **alternative exhibition**, **and** lack of investigation around the existing information

Comparing different European models and the effects public policies have on cinema, especially in the European Union - Considering recent changes concerning cinema and audiovisual policies (especially digitisation and traditional theatrical exhibition, as it is being reconsidered)

#### Cultural Economics

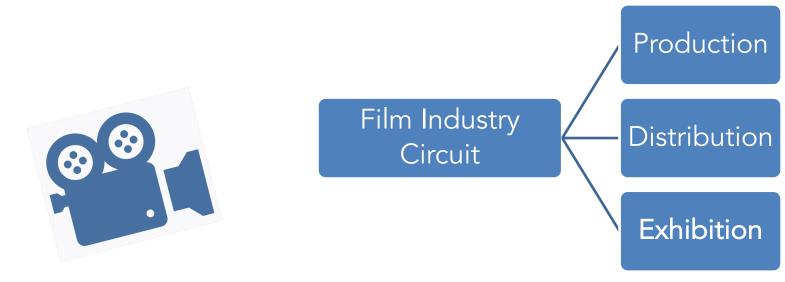
### Cultural Capital Throsby (2001)

"An asset which embodies, stores or provides **cultural value** in addition to whatever **economic value** it may possess"\*

- Characterizes each country
- Driver of competitive advantage
- Fosters global relations

Public policies must be encouraged in order to avoid an unbalanced development between regions, especially in Portugal due to the vulnerability of the national cultural policies

#### **Economics of movies**



Throsby, D. (2001). Cultural Capital and Sustainability. In D. Throsby (Ed.), Economics and Culture (pp. 44-58). Cambridge, United Kingdom: Cambridge University Press.

#### **EXHIBITION**

#### **COMMERCIAL SECTOR**

Mostly located at shopping malls

Exhibition rooms which contribute to a larger consumer and entertainment culture

#### SEMI-COMMERCIAL SECTOR

Alternative filmographies exhibited in a commercial basis, although mostly public funded

Europa Cinemas network (European Comission and Centre National du Cinéma)

NON-COMERCIAL FILM
EXHIBITION SECTOR







#### NON-COMMERCIAL SECTOR

"Traditional film societies screening films to members with a common interest in film appreciation, to pop-up screening events in non-traditional venues and village hall screening programmes offered by local groups for social and recreational purposes." (Barratt & Jones, 2014)<sup>1</sup>

Informal organizations, mainly
film societies and cultural
associations using cinema for
educational and social
purposes



Performs an important role in cultural accessibility

- Offers diverse programmes
- Acknowledges **cinema as art**



Fills lacunas the commercial sector is **unable to** 

<sup>&</sup>lt;sup>1</sup>Barratt, J., & Jones, S. (2014). Rural community film exhibition in Wales. *Bigger Picture Research*.





Driven by technological changes:

Digitisation of screens

New potentialities for cultural accessibility through cinema



Permits the enlargement of film supply, but also of other arts (as long as they have been filmed)

Due more to economic performance than cultural value

What justifies these interventions?

- High global competition (Hollywood)
- Cultural relevance
- Preservation of European Cultural Identity and values (heritage)
- To promote cultural consumption

Support is often unbalanced

Mostly directed towards production activities

Funding models and amounts granted differ across countries

It's hard to make comparisons

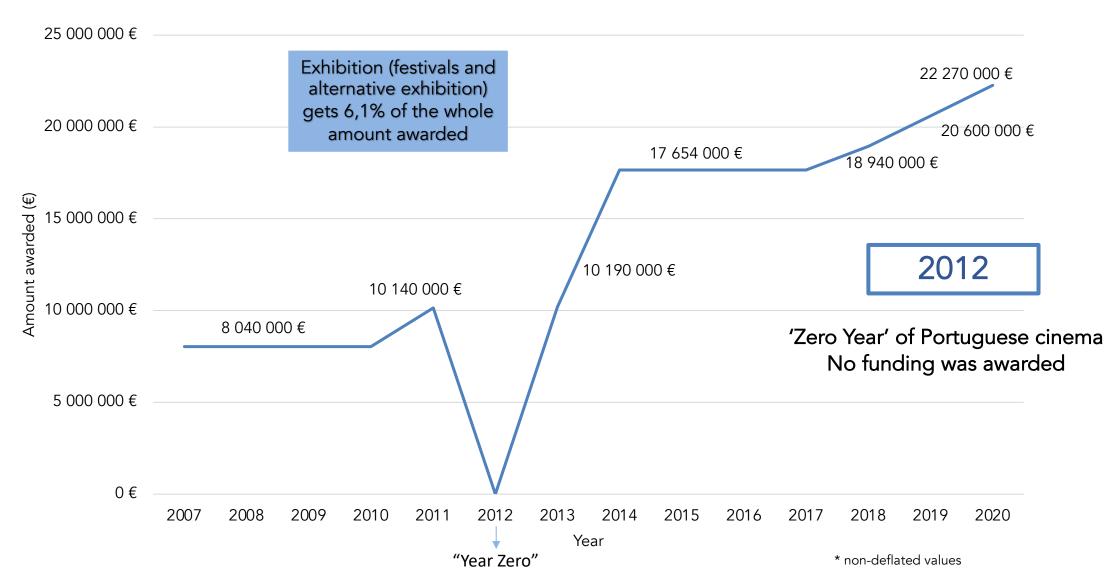
It was necessary to manage data concerning the Film and Audiovisual sector and Public Policies

European Audiovisual Observatory (1992)

In Portugal
Instituto do Cinema e do Audiovisual

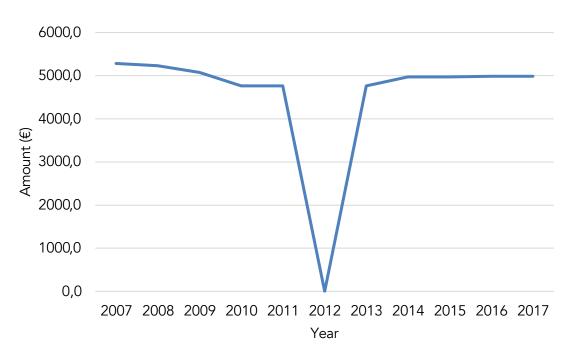
- Institution responsible for the development of cinematographic and audiovisual activities
- Indirect administration by the state, with administrative and financial autonomy

Amount of Public support to the cinema and audiovisual sector between 2007 and 2020\*

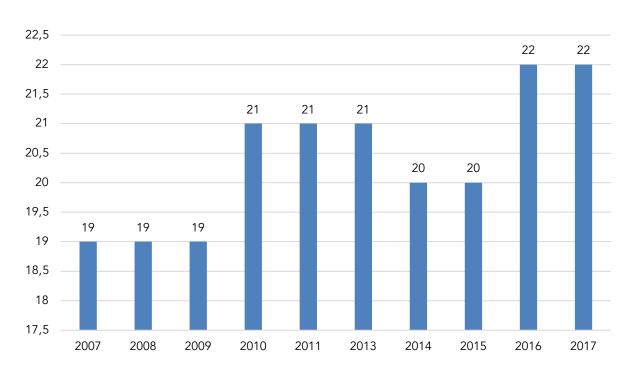


- Funding is usually awarded through bi-annual contests since 2014
- Values around 5000€
- An average of 20 entities received funding

# Average amount of funding awarded to the alternative sector per entity and per year (2007-2017)\*



#### Number of financed entities (2007-2017)



<sup>\*</sup> non-deflated values

• The databases permitted to characterize the sector in Portugal



More than 60 variables



Agents involved



Place of exhibition



Films exhibited

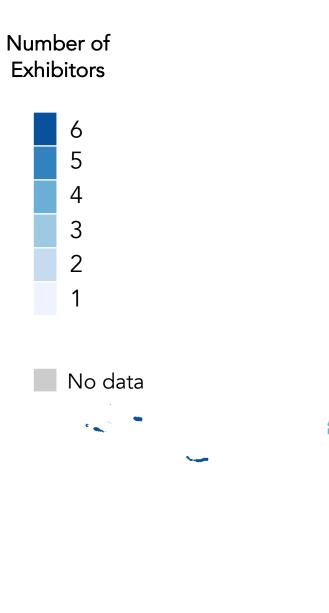


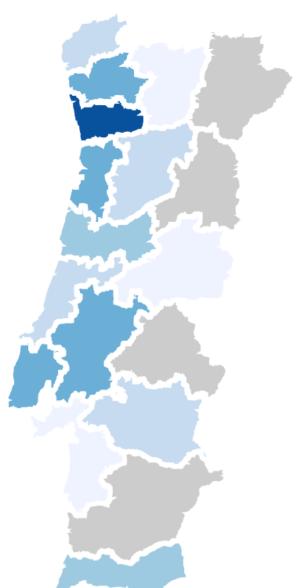
Resources used and funding amounts

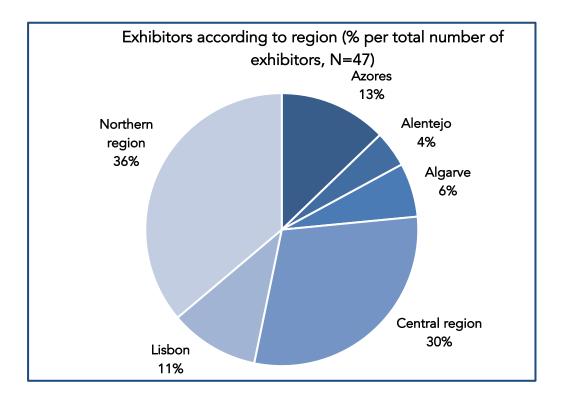


Target demographic





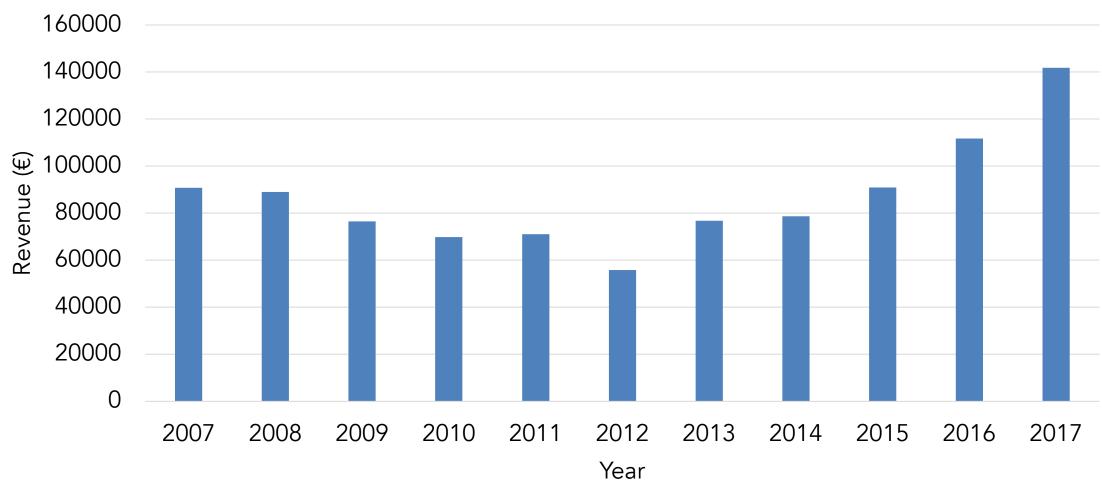




High territorial asymmetry

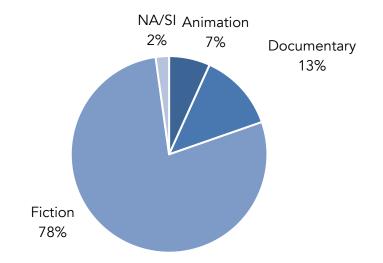
| Region                            | N° of sessions | N° of sessions (%) | Total n° of spectators | Total n° of spectators (%) | Average number of spectators |
|-----------------------------------|----------------|--------------------|------------------------|----------------------------|------------------------------|
| North (excl. PMA)                 | 2048           | 13,9               | 168991                 | 24,7                       | 83                           |
| Azores                            | 562            | 3,8                | 38318                  | 5,6                        | 68                           |
| Lisbon Metropolitan Area<br>(LMA) | 1104           | 7,5                | 66436                  | 9,7                        | 60                           |
| Porto Metropolitan Area (PMA)     | 2363           | 16                 | 128242                 | 18,7                       | 54                           |
| Alentejo                          | 1217           | 8,3                | 58716                  | 8,6                        | 48                           |
| Algarve                           | 1771           | 12                 | 67801                  | 9,9                        | 38                           |
| Center                            | 5677           | 38,5               | 156293                 | 22,8                       | 28                           |
| Total                             | 14742          | 100                | 684797                 | 100                        | 46                           |

# Box-office revenue per year

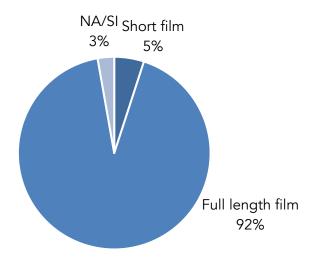


- Some exhibitors operate without charging ticket fees often relying on volunteer work and memberships in order to share the  $7^{th}$  art

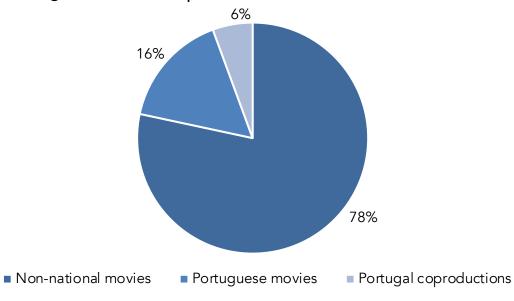
Type of film (% per total number of sessions, N=14742)



#### Length (% per total number of sessions, N=14742)



Portuguese movies (% per total number of movies, N=4753)



# Non-commercial film exhibition sector in Portugal 2007-2017: econometric analysis

## General model

$$spectators_{it} = \beta_1 + \beta_2 ticket_{price_{it}} + B_3 portug_{it} + \beta_4 anim_{it} + \beta_5 fict_{it} +$$
 
$$\beta_6 full_{it} + \beta_7 funding_{it} + \mu_{it} \ (1)$$

| Variables                  |  |
|----------------------------|--|
| Spectators                 | is the total number of spectators per exhibitor and year of exhibition                                       |
| Ticket_price <sub>it</sub> | is the ratio between total revenue and number of spectators, in euros, obtained by exhibitor i during year t |
| Anim <sub>it</sub>         | is the percentage of animation films exhibited by exhibitor i during year t                                  |
| Docum <sub>it</sub>        | is the percentage of documentary films exhibited by exhibitor i during year t                                |
| Fict <sub>it</sub>         | is the percentage of fiction films exhibited by exhibitor i during year t                                    |
| Short <sub>it</sub>        | is the percentage of short films exhibited by exhibitor i during year t                                      |
| Full <sub>it</sub>         | is the percentage of full-length films exhibited by exhibitor i during year t                                |
| Portug <sub>it</sub>       | Is the percentage of Portuguese movies exhibited by exhibitor i during year t                                |
| Funding <sub>it</sub>      | assumes the value "1" if exhibitor i received public funding during year t, and "0" otherwise                |

|                             | Exhibitors who charge ticket fees | Exhibitors who do not charge ticket fees |  |
|-----------------------------|-----------------------------------|--|--|
| С                           | 2211,92**                         | 5966,405***                              |  |
| Ticket_price                | -292,92**                         | -  |  |
| Portug                      | -1444,52***                       | -4534,70***                              |  |
| Anim                        | 1751,90                           | 939,43                                   |  |
| Fict                        | 295,09                            | 236,17                                   |  |
| Full                        | 259,23                            | -1030,14                                 |  |
| Funding                     | 463,03**                          | 115,6                                    |  |
| R^2 (weighted statistics)   | 0,10                              | 0,19                                     |  |
| R^2 (unweighted statistics) | 0,09                              | 0,37                                     |  |
| N (observations)            | 217                               | 50                                       |  |
| N (exhibitors)              | 41                                | 9  |  |

#### Exhibitors who charge ticket fees

|                             | Porto/Lisbon | Other municipalities |               |
|-----------------------------|--------------|----------------------|---------------|
| С                           | 2488,06***   | 4183,10**            |               |
| Ticket_price                | -840,23***   | -255,81*             |               |
| Portug                      | -2671,70***  | -2136,14***          |               |
| Anim                        | -15906,31**  | 1495,29              |               |
| Fict                        | -1345,56     | 91,88                |               |
| Full                        | 2434,61**    | -1281,71             |               |
| Funding                     | 2293,92***   | 81,11                |               |
| R^2 (weighted statistics)   | 0,44         | 0,11                 |               |
| R^2 (unweighted statistics) | 0,44         | 0,12                 |               |
| N (observations)            | 36           | 181                  | <del></del> : |
| N (exhibitors)              | 8            | 33                   |               |

\*\*\*, \*\* and \* identify the variables that are significant at 0.1 (p<0.1), 0.05 (p<0.05) and 0.01 (p<0.01), respectively



#### **Promotes**

- Cultural Diversity
- Dissemination of the 7<sup>th</sup> art to isolated areas
- Portuguese films
- Necessary to reinforce the need for public policies
- In **Portugal** funding amounts are still insufficient

Database



Preliminary characterization of non-commercial exhibition

Most relevant information



Econometric estimation

Reinforced the positive impact of public funding

To sum up...

Culture and Cinema are relevant to the enrichment of the economy and society

Public support granted to film exhibition (especially non-commercial) is still insufficient

