



Corporate Invention Board 2 (CIB2)

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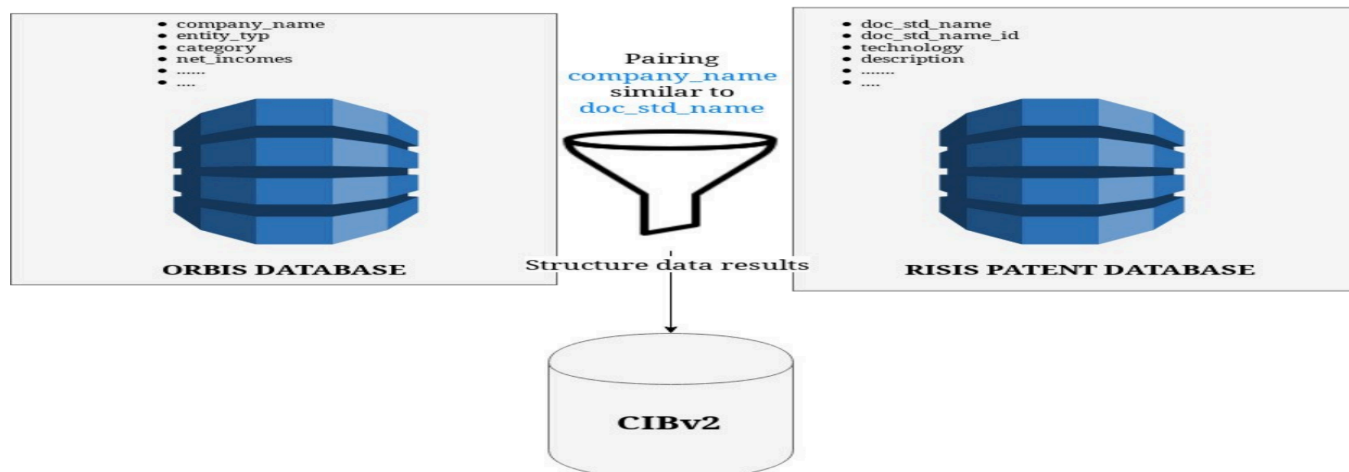
CIB2 is a database including

Priority patents of the top 3992 corporate innovators worldwide (applications 2000-2015)

- Basic attributes of priority patents
- Actors (applicants) and their geographical locations (geocodes, rural&urban areas)
- Geography of innovation: inventors' geography (geocodes, rural&urban areas)
- Technology (nomenclatures & textual info)
- Patent « value » (Triadic, IP5 family, citations ...)
- Firm basic info (geo, size, sector, ...)

CIB2 is a database built using

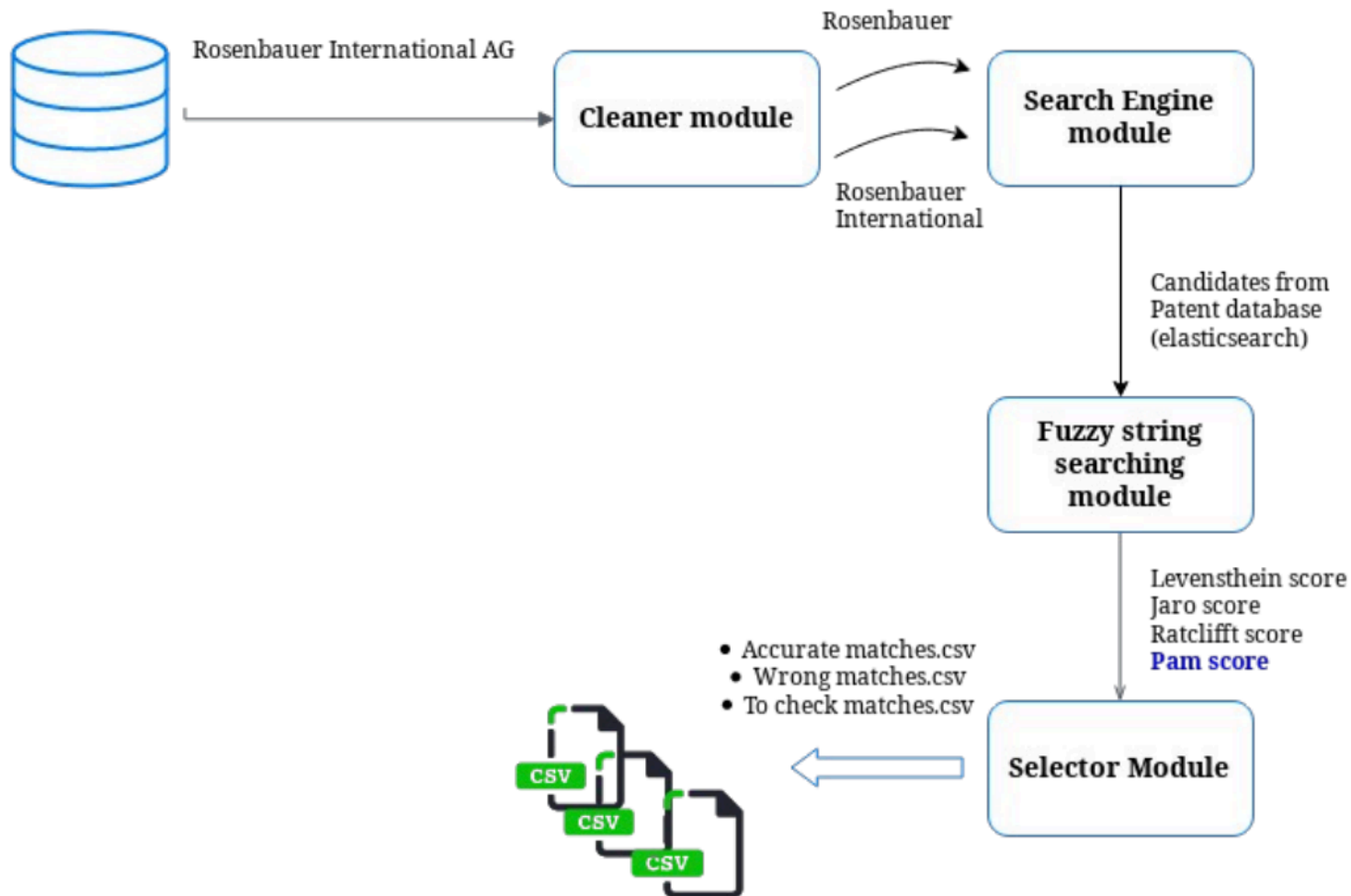
- Patent side: Risis Patent Database, an enriched and simplified Patstat DB (Patstat 2017)
- Firm side: R&D Industrial Scoreboards (2008-2014) + WIPO top applicants (2008-2014) + ORBIS DB (firm parent companies & subsidiaries (>50.01%))
- Matching of applicant & ORBIS firm names : more than 300000 firm names in 13 millions priority patents



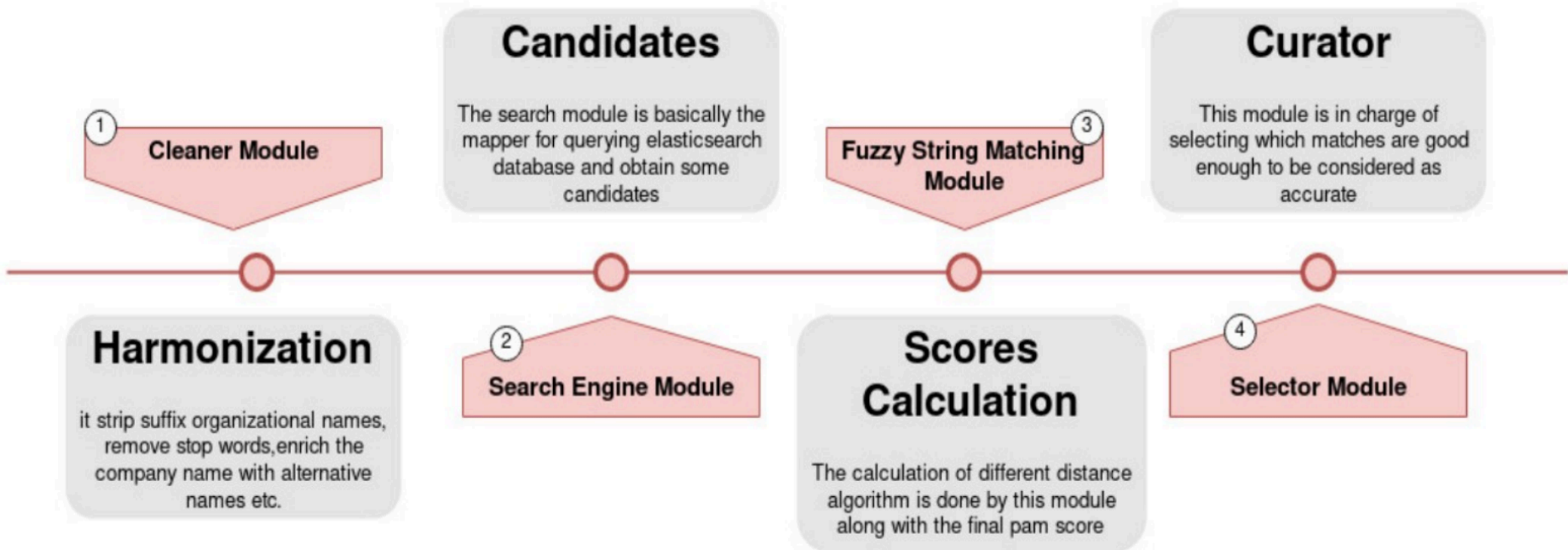
Pairing Orbis names and patent applicants (1/3)

Pam System

Patstat Approximate Matches System



Pairing Orbis names and patent applicants (2/3)



Pam score combines the elastic search score, the algorithms score (Distance score: levensthein + jaro + ratcliff) and additional parameters (jurisdiction in/out)

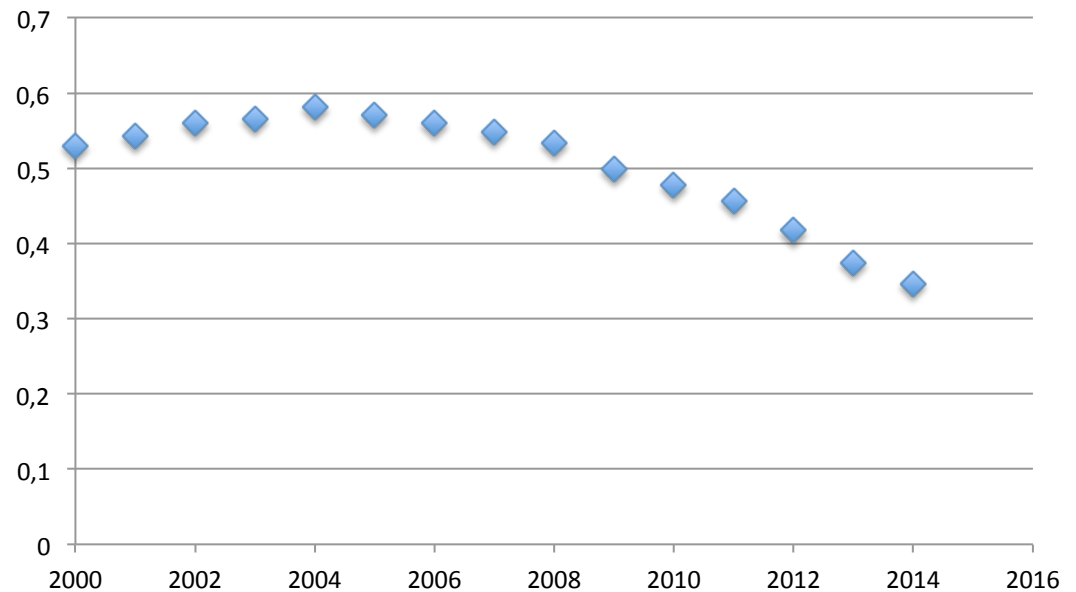
Pairing Orbis names and patent applicants (3/3)

ALPHA OMEGA SEMICONDUCTOR LTD	3265089	ALPHA OMEGA SEMICONDUCTOR
ALPHA AND OMEGA SEMICONDUCTOR	2371607	ALPHA OMEGA SEMICONDUCTOR
ALPHA OMEGA SEMICONDUCTOR INC	3809812	ALPHA OMEGA SEMICONDUCTOR
Alpha Omega Semiconductor, Inc.	110138975	ALPHA OMEGA SEMICONDUCTOR
Alpha & Omega Semiconductor,	111000584	ALPHA OMEGA SEMICONDUCTOR
ALPHA & OMEGA SEMICONDUCTOR LL	2931186	ALPHA OMEGA SEMICONDUCTOR
ALPHA & OMEGA SEMICONDUCTORS L	3129671	ALPHA OMEGA SEMICONDUCTOR
ALPHA & OMEGA SEMICONDUCTOR CORP	22254130	ALPHA OMEGA SEMICONDUCTOR
Alpha & Omega Semiconductor Ltd.	106312394	ALPHA OMEGA SEMICONDUCTOR
ALPHS & OMEGA SEMICONDUCTOR LT	3062418	ALPHA OMEGA SEMICONDUCTOR
ALPHA & OMEGA SEMICONDUCTOR CO LTD	17820488	ALPHA OMEGA SEMICONDUCTOR
ALPHA & OMEGA SEMICONDUCTOR CAYMAN INC	18861277	ALPHA OMEGA SEMICONDUCTOR
ALPHA AND OMEGA SEMICONDUCTOR LTD	3994597	ALPHA OMEGA SEMICONDUCTOR
Alpha and Omega Semiconductor Limited	110443480	ALPHA OMEGA SEMICONDUCTOR
ALPHA AND OMEGA SEMICONDUCTOR INCORPRATED	4557632	ALPHA OMEGA SEMICONDUCTOR
ALPHA AND OMEGA SEMICONDUCTOR INCORPORATED	23470844	ALPHA OMEGA SEMICONDUCTOR
Alpha and Omega Semiconductor Incorporated	145223598	ALPHA OMEGA SEMICONDUCTOR
Alpha and Omega Semiconductor Incorporated	151477558	ALPHA OMEGA SEMICONDUCTOR
ALPHA AND OMEGA SEMICONDUCTOR (CAYMAN) LTD.	151386150	ALPHA OMEGA SEMICONDUCTOR

CIB2: Overview (1/5)

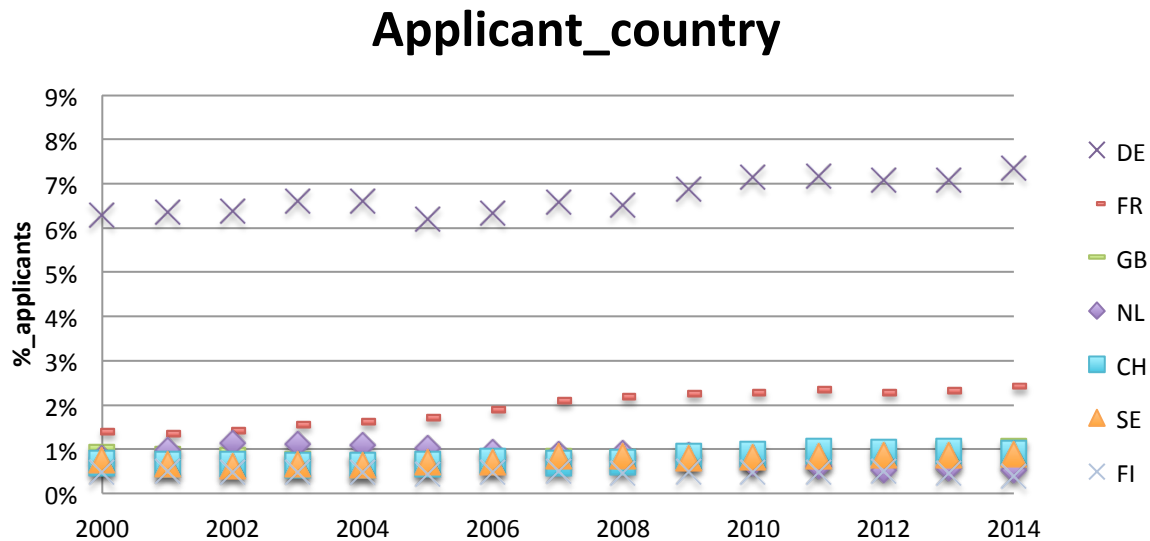
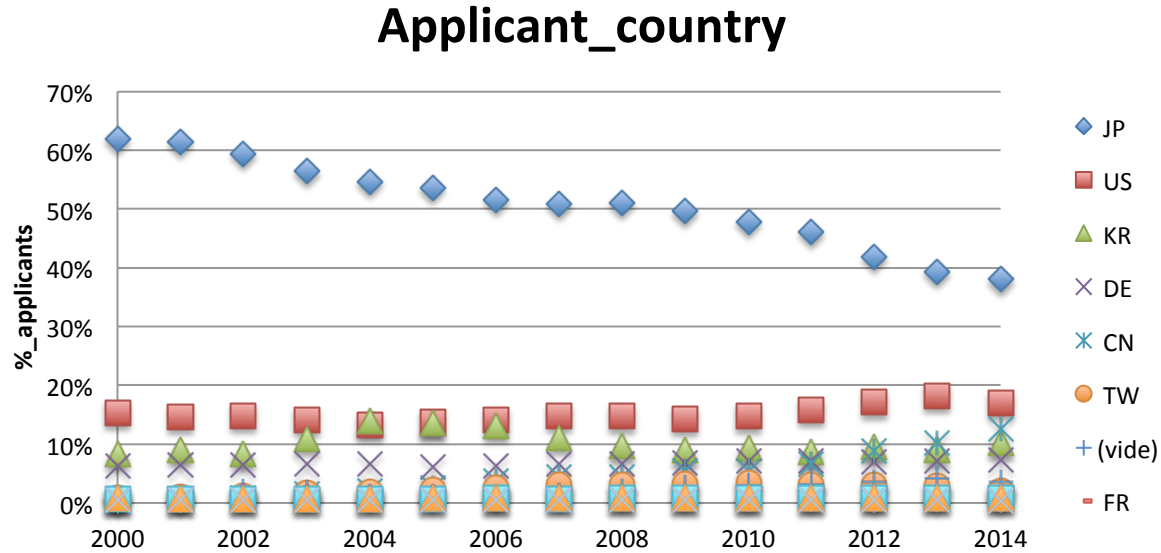
- **6 173 089** priority patents
- **1 733 439** IP5 family patents
- **676 916** triadic patents
- **286 132** ip5 patents

Share of CIB2 patents in Risis Patent Database



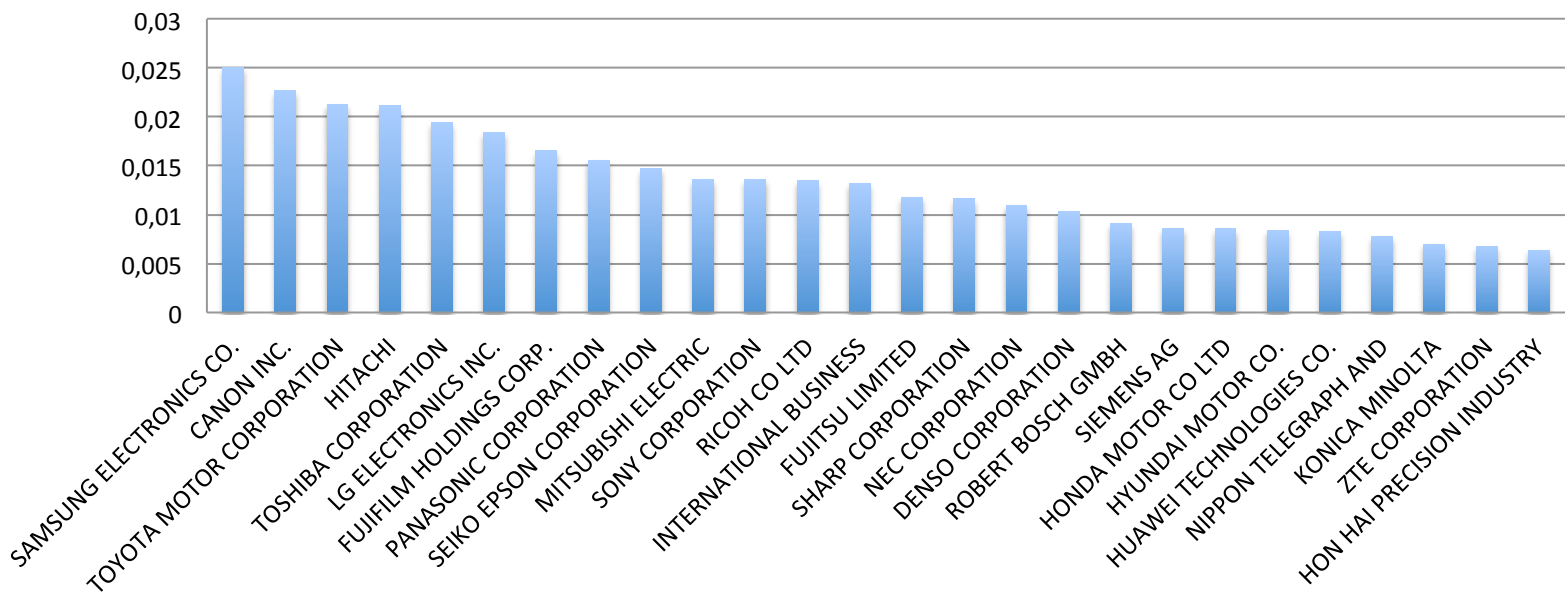
Overview (2/5)

All priority patents

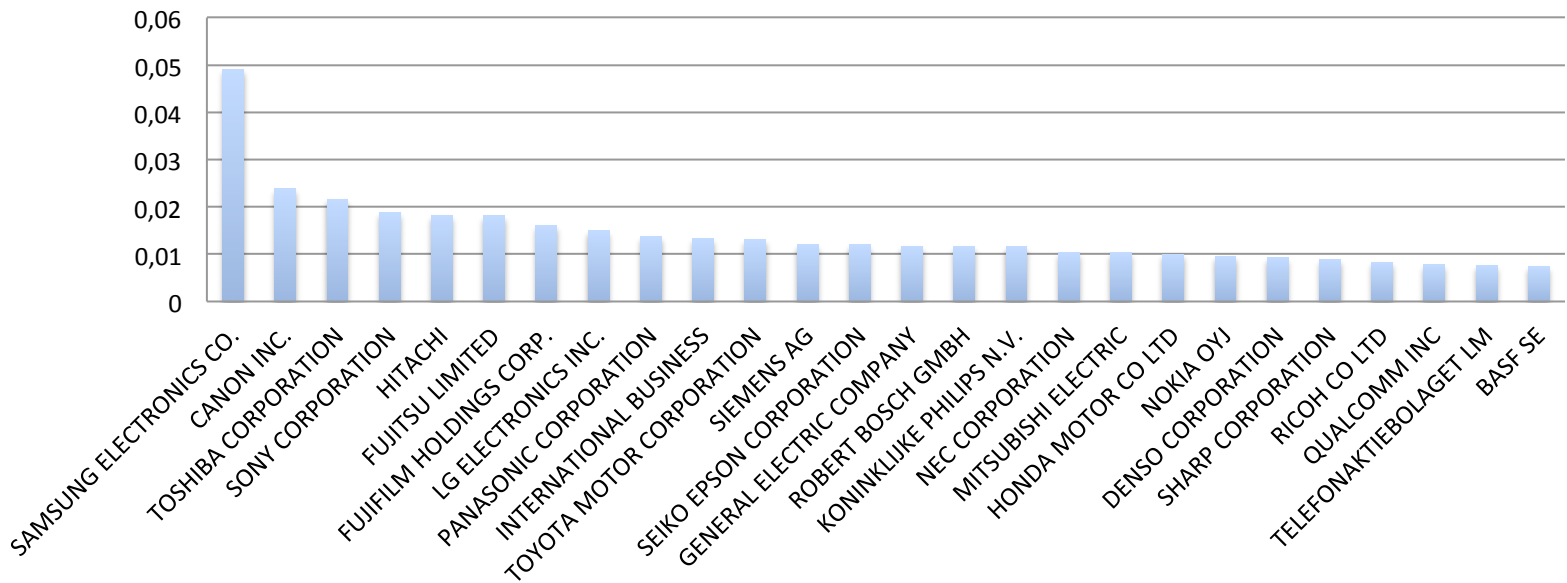


Overview (3/5)

All priority patents 2000-2016

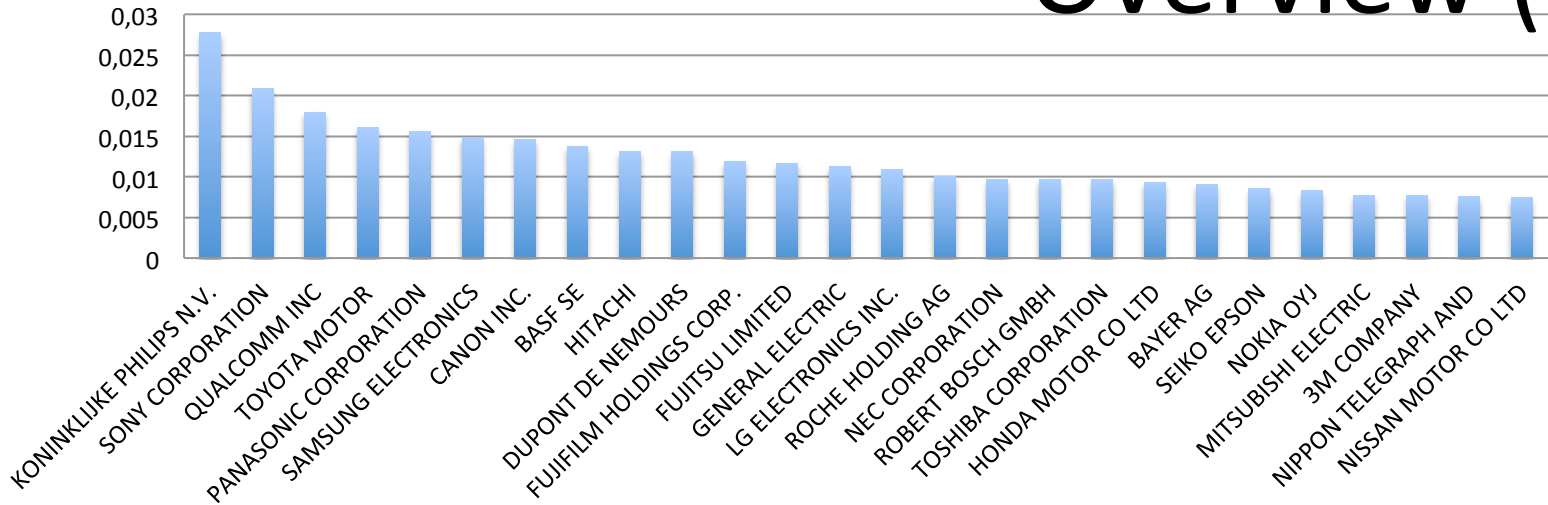


IP5 family patents 2000-2016

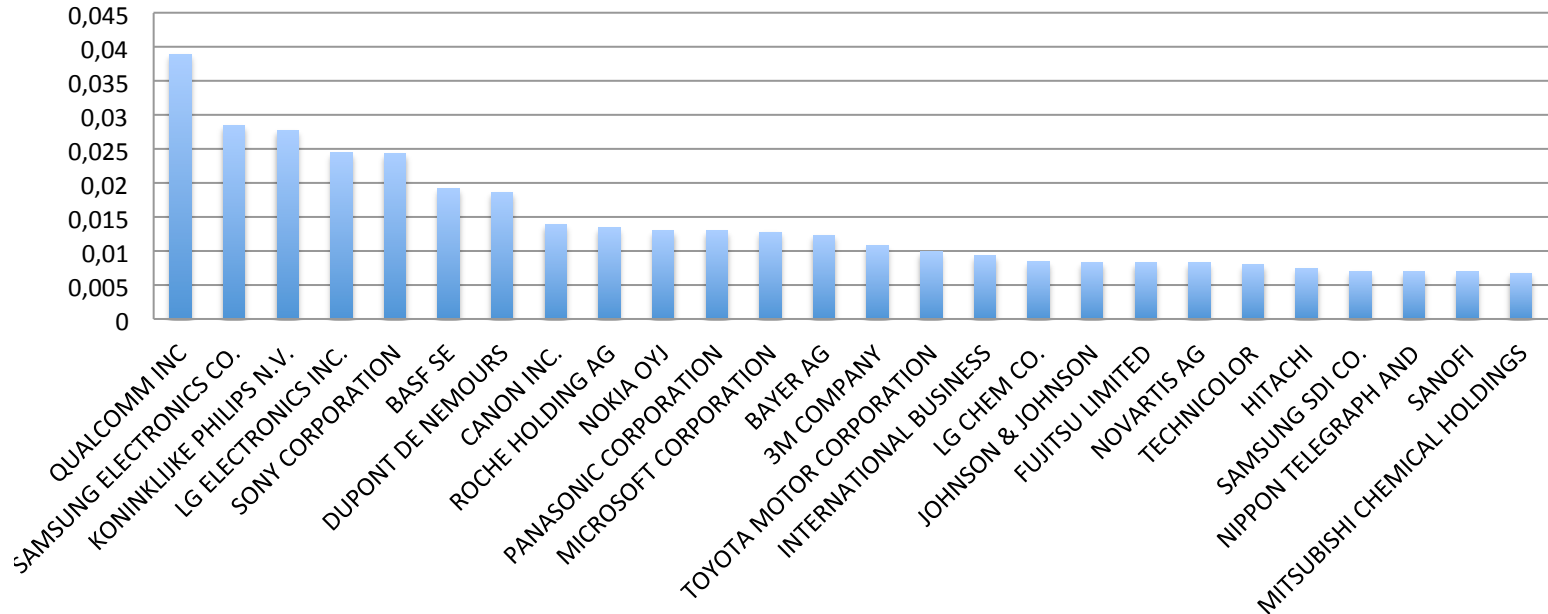


Triadic 2000-2016

Overview (4/5)

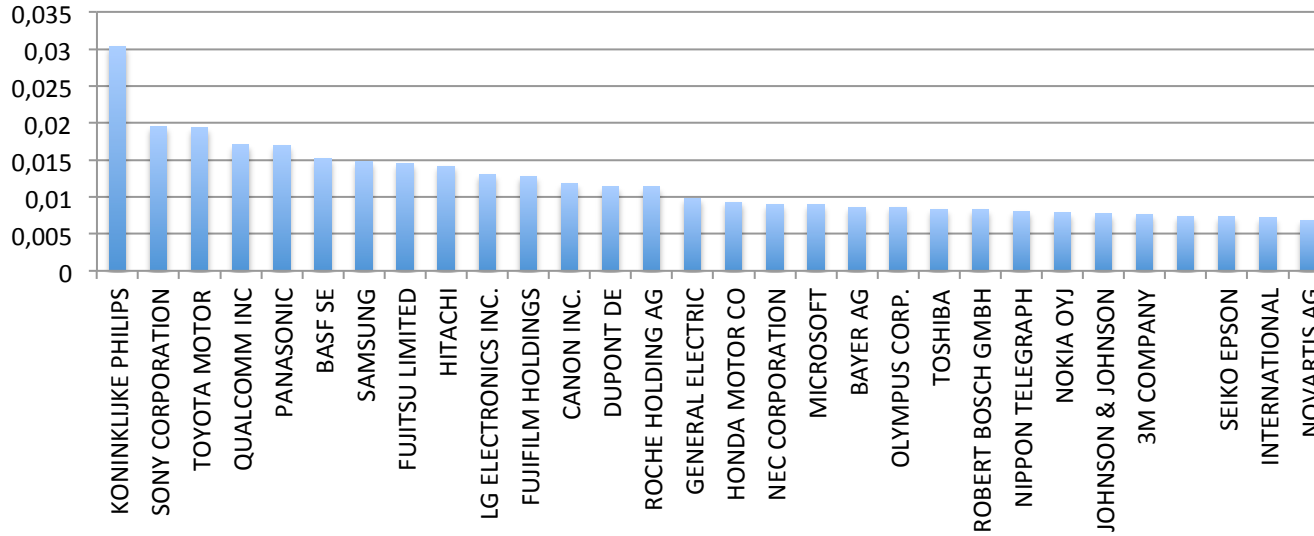


IP5 2000-2016

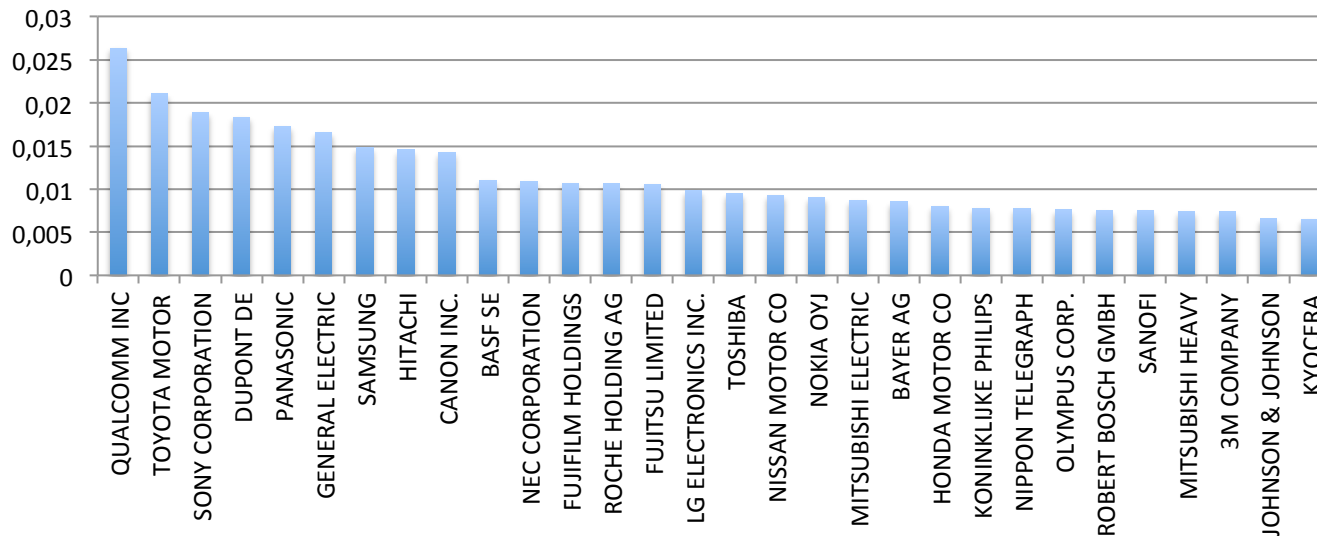


Overview (5/5)

Triadic 2005-2007



Triadic 2010-2012



Future project

In the frame of RISIS2 project, we plan to build the CINNOB database : the Corporate Innovation Board (firm level data) combining financial & economical data and several output data (patents, trademarks, publications, project participations)