Department of Addictology

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Findings of the monitoring exercise on online sale of NPS (iTrend)
Brief intro to the software used

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- **5 partners – Czech republic, Poland, France, UK, Netherlands**

- **Main objective – monitor online shops selling NPS (normal web, not „darknet") which are relevant for each partner's country (interface in local language or other way relevant - fora analysis, survey, etc.)**

It all started because of EMCDDA original methodology

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Indroduction of new software tool

EMCDDA "old" methodology – number of web shops identified
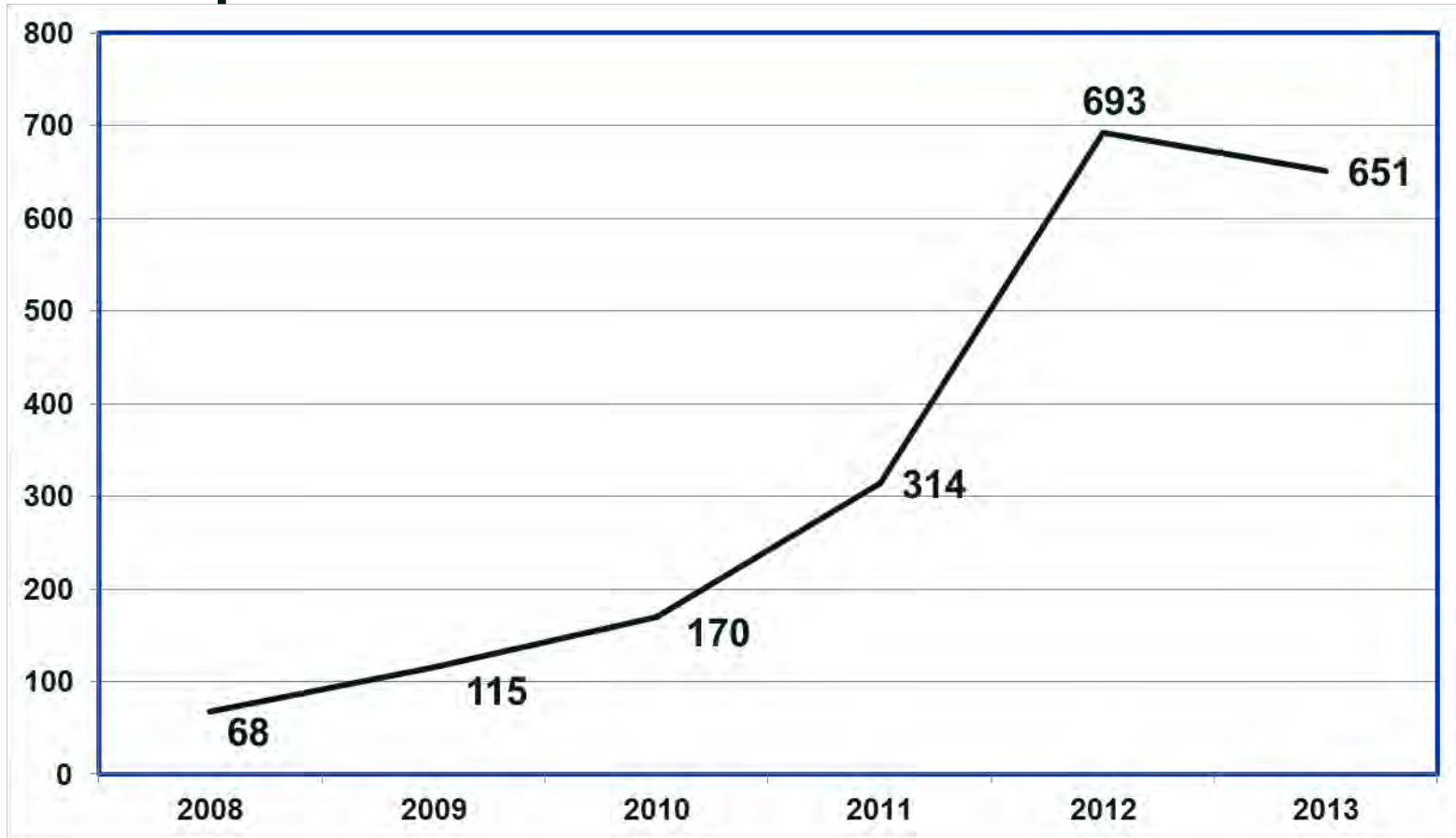
"Old" methodology (EMCDDA)
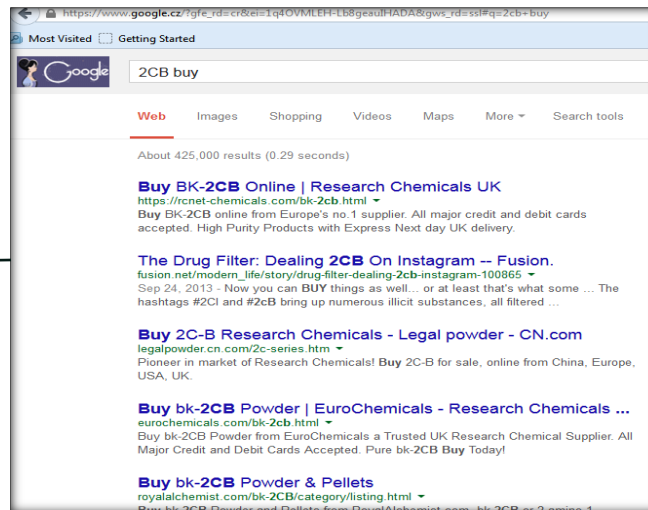
1. Open a web browser and connect

SEARCH ENGINE
(e.g. google.com)
Defined by EMCDDA+ local most popular

2. Search phrase (e.g. 2CB buy)
   - defined by EMCDDA
   - translated into local language

3. Click on each link, check if relevant

4. Save data into XLS file

List of results

Duration 1-2 weeks!!

"Old" methodology (EMCDDA)

Frequency: once a year

Data gathered
- Number of web shops on the market
- Number of products
- etc.

Information you can't get
- Popularity of found web shops
- Quick reaction of the market on legal changes or other new trends

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"NEW" methodology and Software 1 – information about Shop

Software 1

1. **Define Search phrases (e.g. 2CB buy)**
2. **Define search engines (e.g. google.com)**

3. Go to Search engine
4. Insert Searching phrase
5. Search for web shops

6. Categorize (web shop or not)

7. Approve the Categorization

Duration 1-2 days!

8. Data mining for relevant web pages
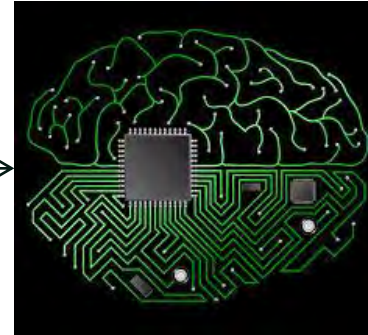9. Create a report

10. Download the report

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Software 2 – Product details

3. Data mining from selected web page
4. Database creation

1. Selects web page for detailed monitoring
   - most popular
   - long enough on the market
2. Show software where to find data on selected page / Templates

5. Download of the report

Duration 1-2 days!

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Active shops (domains)

Country	Monitored domains
CR	25
FR	92
PL	97
UK	308
NL	23

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Active shops breakdown
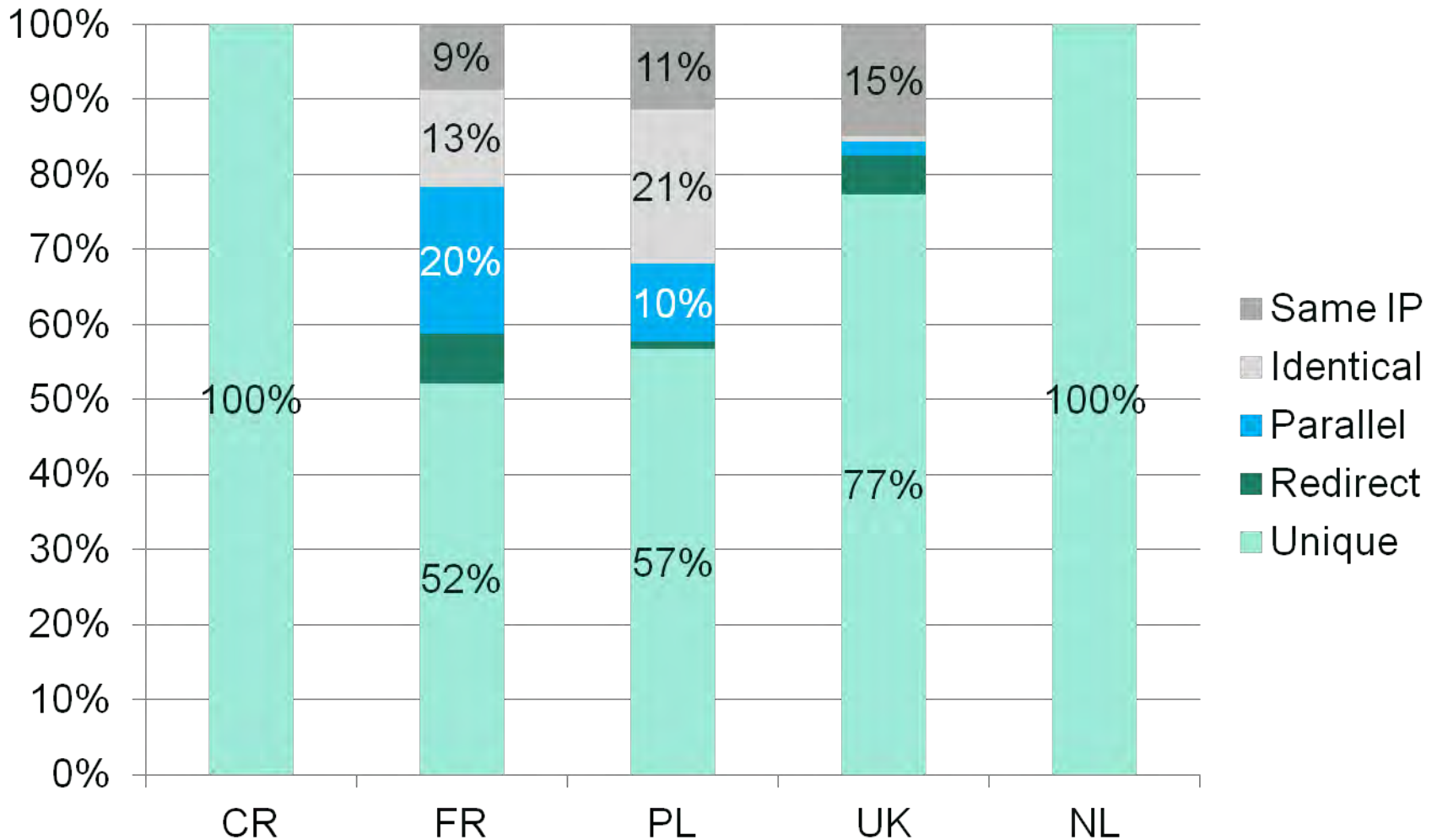
- **Unique shops** (unique design and IP address)
- **Redirect** – domain redirects to existing unique shop https://name1.net/ ⟶ https://nameXY.com/
- **Parallel** – web page has the same design as existing unique shop (Unique – most popular)
  (Example: www.name1.cz, www.name1.eu, www.name1.com)
- **Identical** - same design & IP address
- **Same IP** address but different design

Avoiding duplicity

How many supplier are on the market?

1. **Commercial shops**
   - offering branded products, sold under commercial names as "Funky", "Cocolino"
   - chemical compound of the substances are mostly unknown to the customer
   - it is often a "smartshop" or "headshop"

2. **"RC shop", "RC" stands for "research chemicals** - sells NPS mostly under their chemical names
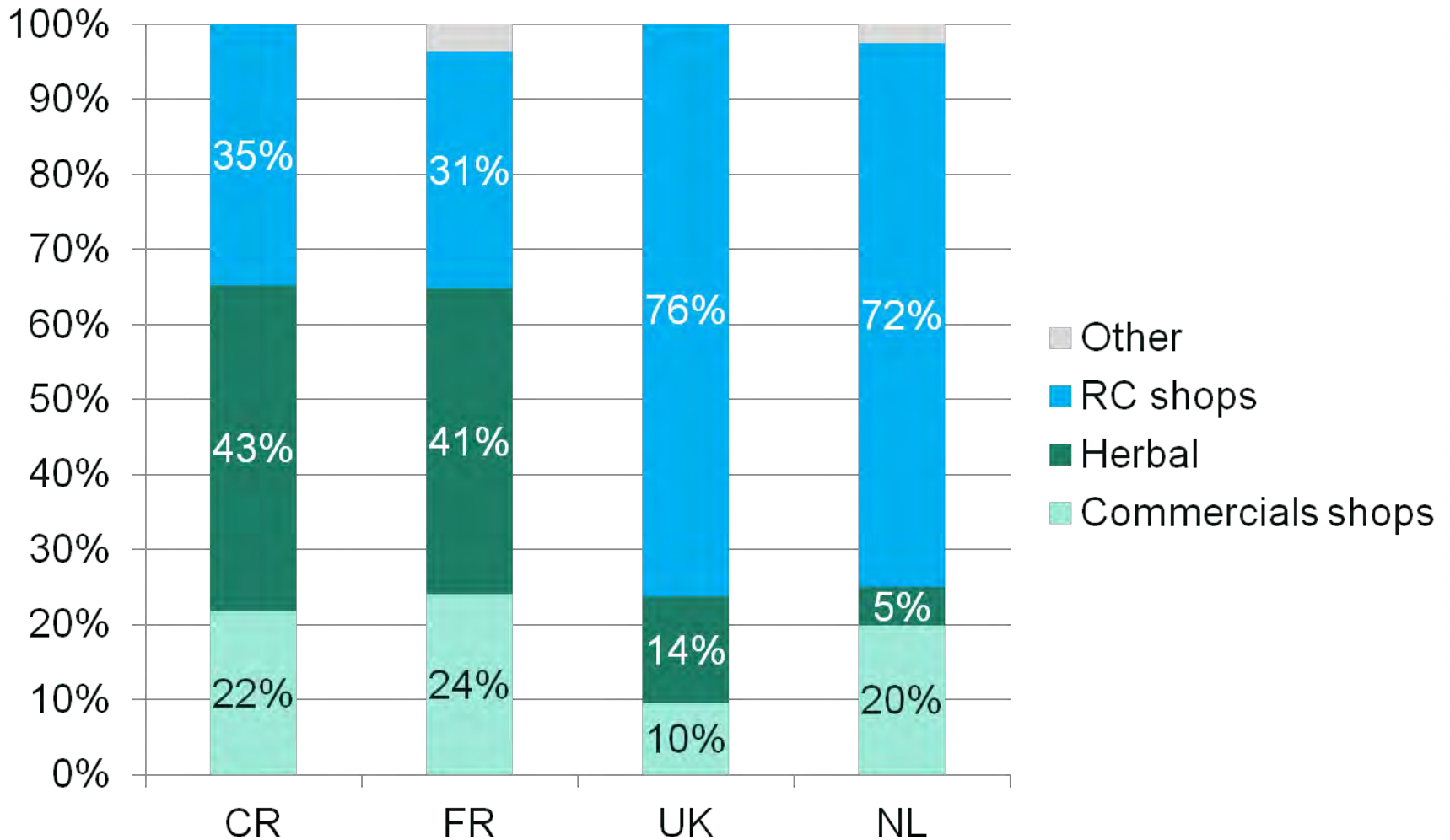
3. **Herbal shop** – mostly selling herbal products, kratom etc.

4. **Other** – e.g. drugstores, web shop selling fitness food supplements

Consumer preferencies – what people buy?
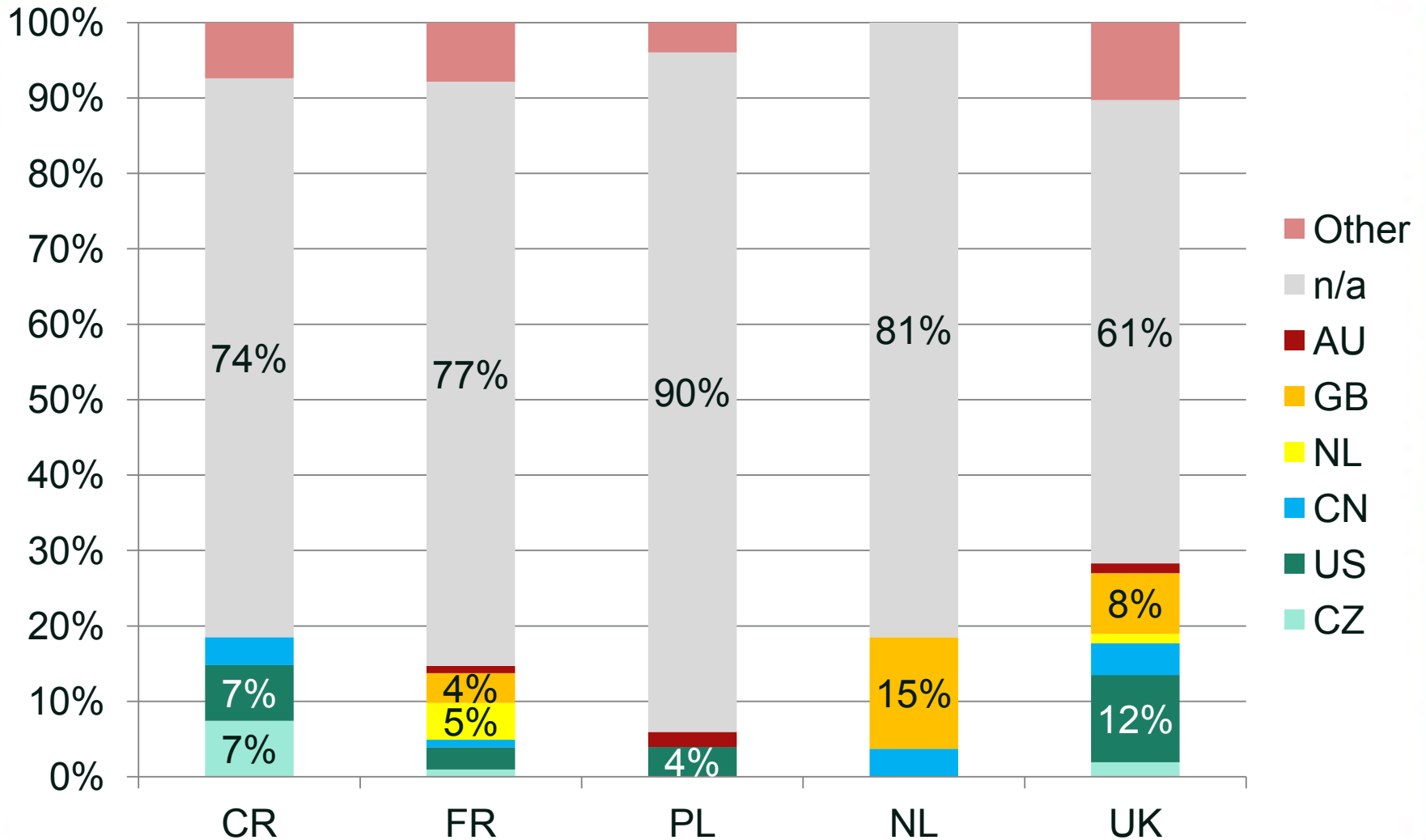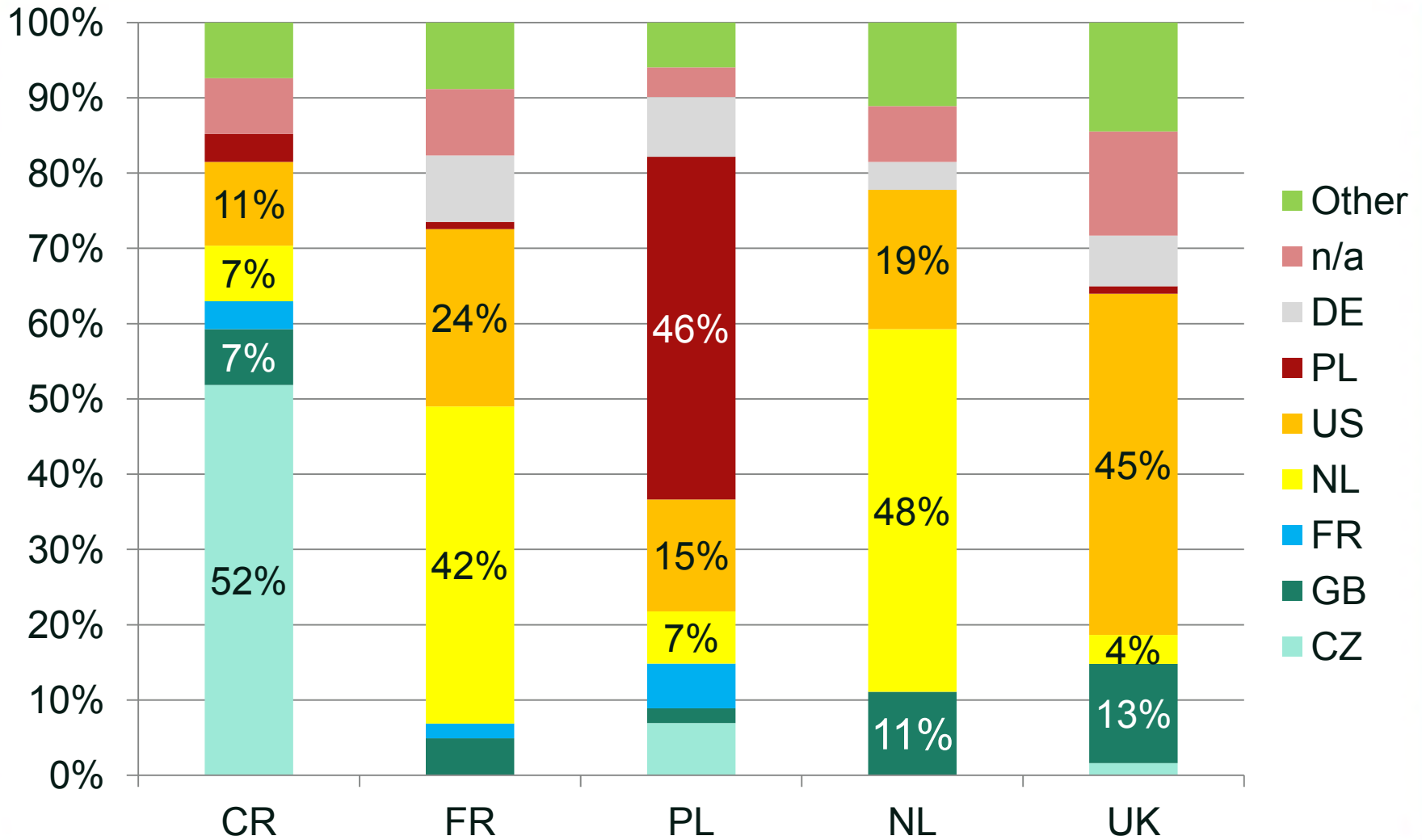
Active shops categorization

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Wholesalers or retailers

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Location – Domain Owner Address

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Location – IP Address Country Code

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Number of products offered on most popular web shops

Country	Scraped RC shops	Number of NPS
CR	3	34
FR	4	67
PL	4	73
NL	4	46
UK	4	89

Total number of substances offered - 196

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Thank you for attention!

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