Plenary Session 3: Challenges of Globalization for Merger Review

ICN 2018 Merger Workshop
November 7th, 2018
Tokyo Japan

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1. Geographic Market Definition





Geographic Markets – Basic Approach

- Under both U.S. law and the Horizontal Merger Guidelines, the FTC uses evidence of *demand* substitution to define relevant geographic markets
 - HMG § 4: "Focuses solely on . . . customers' ability and willingness to substitute away from one product to another in response to a price increase" or decrease in quality
- Whether other products are in the same geographic market (HMG § 4.2) depends upon factors such as:
 - Transportation costs (as a percentage of total cost)
 - Regulations
 - Tariff and non-tariff barriers

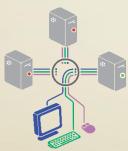
Geographic Markets – Examples

Global

Aircraft engines



Fiber channel switches (*Broadcom / Brocade*)



National

Daily online fantasy sports (*Draft Kings / Fan Duel*)



Regional / Local

Hospitals



Retail



ICN Merger Work Shop 2018 Plenary Session 3

José Luis Ambriz Villalpa

November, 2018



Comisión Federal de Competencia Económica

Geographic market definition



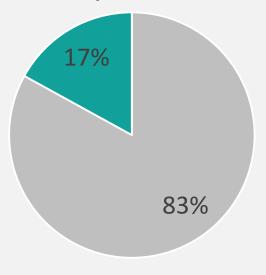
1. Mexico is one of the world's most open economies

- Free trade agreements with 46 nations.
- Borderline Mexico/US has an extension of 3,000 kilometers
- Ports in both Atlantic and Pacific oceans.

2. Indeed, geographical scope of markets is wider today

Geographical scope of markets

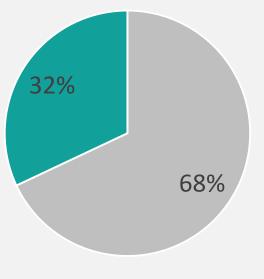
Number of cases, 1999



- National, Regional or Local
- Wider than national

Geographical scope of markets

Number of cases, 2016



- National, Regional or Local
- Wider than national

Geographic market definition



Example: Nitrogen fertilizers

1997

- Merger: Agro Nitrogenados / Nitroamonia (two Mexican firms)
- Firms overlapped in the manufacture and sale of nitrogen fertilizers.
- Marginal imports (and limited to the border area with the US)
- Joint market shares above 50% at national level.

Market was considered **national** and the deal was blocked by the Commission

2014 & 2015

- Mergers:
 - Pemex / Agro Nitrogenados
 - Pemex / Fertinal
- Vertical integration: ammonia (supplied solely by Pemex in Mexico) is the main input for nitrogen fertilizers (manufactured by Agro Nitrogenados and Fertinal)
- Imports of nitrogen fertilizers (from several countries) accounted for more than 50% of national consumption.
- Some domestic competitors exited the market due to increased foreign competition.

Geographic scope was considered **global** and both deals were authorized



ICN Merger Workshop Tokyo, 7-8 November 2018

Plenary Session 3

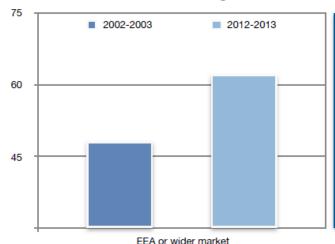
Challenges of Globalization for Merger Review

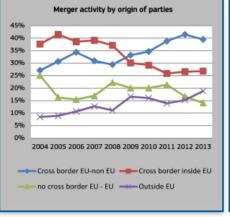
Josep M. Carpi Badia Head of Unit, Mergers Case Support and Policy DG COMP, European Commission

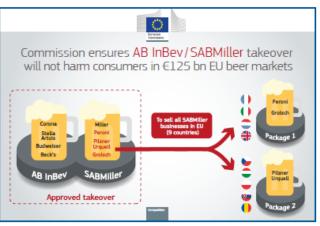
Globalization Market definition



Evolution of Geographic Market Definition in EU Merger Cases







- World's economies have become increasingly interconnected
- This progressive global dimension has to be taken into account in merger enforcement
- Market definition is (merely) a first step in merger assessment
- Based on business realities; empirical, customerfocused and dynamic exercise
- Competitive pressure from producers "outside the market" is incorporated in the competitive assessment

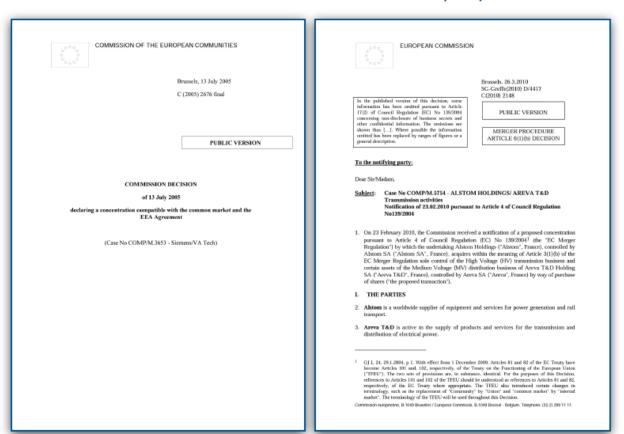
- Some markets remain national, however
- Even if companies active in the relevant sectors operate at a global level
- International cooperation in merger review may also be useful in some of these cases



Geographic Market for Rail Power Supply Systems

M.3653 - Siemens/VA TECH (2000)

M.5754 - Alstom Holdings/Areva T&D (2006)



Markets considered as national

Market considered as at least EEA-wide



Geographic Market for Wholesale Supply of Helium

M.1630 - Air Liquide/BOC (2000)

M.4141 - Linde/BOC (2006)

M.8480 - Praxair/Linde (2018)

IP/00/46

Brussels, 18 January 2000

Commission approves the acquisition of parts of BOC (UK) by Air Liquide (France) subject to

The European Controllection has authorized, other on involvable investigation and subject to constitions, the expectation of parties of the LEV company for Group pct, by the French congruey LAW Liquids S.A. in the industried general industry. In July 1988, AV Liquids and the US congruey AV Products encourant a joint lad for SOC. After compristors of the tailecter told, although and AV Products gate to the Wilde SOC Vision of the Law Company AV Products posterior to the Conference and Conference a assets. The Commission's assessment mainly concentrated on the assets and businesses of BDC to be obtained by Air Liquide in the European Economic Area (EEA).

The operation, as initially notified to the Commission, would have led to market The operation, as inhigh profiled to the Commissions would have led to morket resistance by Art Lugade in the Campan emotate for browing organ and inflagam, continued to the control of compatible with the common market.

• This is an exemplary case of how very serious competition concerns can be depelled by real and substantial undertakings by the partiese. Competition Commissioned Marci Marci Marci Marci Commissioned the decision « It is because of these commitments that the Commission was finally able to approve the planned.

industrial gases form an important component in the production process of many inclusives including, for ecomple, text, steel, refering, charactels, glass, electronics, paper and pulp industries. Gases are either supplied in small quantities in cylinders cylinder market), or in larger quantities in liquid form using tanker trucks drulk market), or are supplied in very large quantities directly on the customers' pren-using on-site production units or pipelines (torstage market).

Brussels, 6th June 2006

Mergers: Commission approves takeover of BOC by Linde, subject to conditions

The European Commission has approved under the EU Margar Regulation the proposed takeover of the UK-based BOC by the German company Linde. Both companies are active in Industrial and specialty gases. The Initial cool coloquiates are certire in Headstath and splitting gas to experience of the second of the secon agreeding general solutions on Problems and Application as distributed Contractation and Limite will also Drayel its ethicicated first application of the Contractation and John Ventures. In the light of these occasionents, the Contractation and concluded that the proposed apposition would not significately impedie effective competition in the European Economic Arne (EEA) or any substantial part of it.

Competition Commissioner Neetle Kross said " In view of the remedies offered, we are satisfied that the residiled merger would not have consumers".

The activities of Linde and BOC overlap on the markets for industrial and executive The achines of Linde and BDC overlap on the markets for industrial and appositing gates in Poland and the UK. The transaction would create a command pager in various Pricini gas markets and would asterogram BDCs dominant position in the LK realised. The properties have however, committed to divise the whole of BCOS Polish business and the whole of Lindes UK business thereby compatibly namowing their overlaps in all indexine Polish and UK markets. The commitments also includes the divestiture of Linde's UK and Irish oustomer contracts of ethylene code that Linde supplies from its Belgian production site The Polish National Competition Authority had requested the partial referral of the case on the ground of the significant inspect of the transaction in Poland. However, in view of the substantial commitments offered the Polish NCA subsequently withdraw its initial referral request.

Linde has only recently entered the wholesale market for helium, after having control spelficant direct access to tellum sources, and has competed aggressively experient access to the property of the pro concerns. In view of the global scope of the helium wholesale market, the Commission and the US (Fair Trade Commission FTC) cooperated closely during

Mergers: Commission clears merger between Praxair and Linde, subject to conditions

Princelly 20 August 2018

The European Commission has approved under the EU Merger Regulation the proposed merger between Praxair and Linde. The approval is conditional on the divestiture of an

Contralisation Magnitim Manager, in change of competition pulse, said, "Tables—Ne copper and Major — are considered from a figure of production among an approximation of contralisation and contralisation and indicates in indicated analysis in useful of large quantities in the production of steel. And highpits meet indicated analysis for all professions for levels or than imposfor comprome entapply field products can extend and product and analysis of the contralisation of the composition and analysis of the contralisation and make see that the energies of Palware and Confe will entire steel in Architect concentration in Europe and other conference to the conference to Seenfor the composition in these membras."

Today's decision follows an <u>in-depth review</u> of the proposed merger between Passa' and Linde, which are two of the fear largest companies active worldwide across the whole supply chains of industrial gases, medical gases, speciality gases and helium. Both companies also after engineering and gas plant construction previoes.

The Commission's investigation

Following its in-depth investigation, the Commission concluded that the proposed triansaction, as originally notified, would have significantly reduced competition in a number of members in the European Economic Alea (EEA). In particular, the Commission identified competition concerns in the markets for the supply of:

industrial gases,

medical gases and related services,

specialty gases and

hellum, both in the worldwide market for the sourcing of helium and in the national markets for the retail supply of this gas.

On notal supply of the spain would have notaced the number of applicant as players in the monthly, the proposed contributed on maked based in the bit proposed and the proposed contributed in the proposed contributed on maked based in the bit proposed productly. The Commission's investigation confirmed the pay between the four major suppliers (for liquide, Linds, Pressel and Air products) and other composition is times of financial and operational capabilities. In this respect, only the continuous of complete, are production with no customer manifoliating along across to the four sources of financial contenting sourceasts on the composition.

Other market players only have a regional, national or local presence and lack the operations technical and financial capabilities to compete on an equal footing with the four majors. The Commission also found that market entry and expension in the gas markets is difficult, due to the very high investment necessary to establish a meaningful position in the market.

The Commission concluded that the merger as notified would have led to a significant reduction in the number of suitable alternative suppliers and potentially to price increases.

To address the Commission's competition concerns, Preser and Linde offered the following

The divestment to a suitable purchaser of Praxair's entire gas business in the EEA, industry all release tilegal entities, assets and personnel. This divestment owers industrial, recibious, specially gases and helburn. It also includes the Indian surviving confronts required

Market considered potentially EEA-wide in scope, covering all sources in and around the FFA

Market considered as worldwide. But it could not be excluded that the market could tend towards EEA-wide scope

Market defined as worldwide, despite the existence of regional specificities

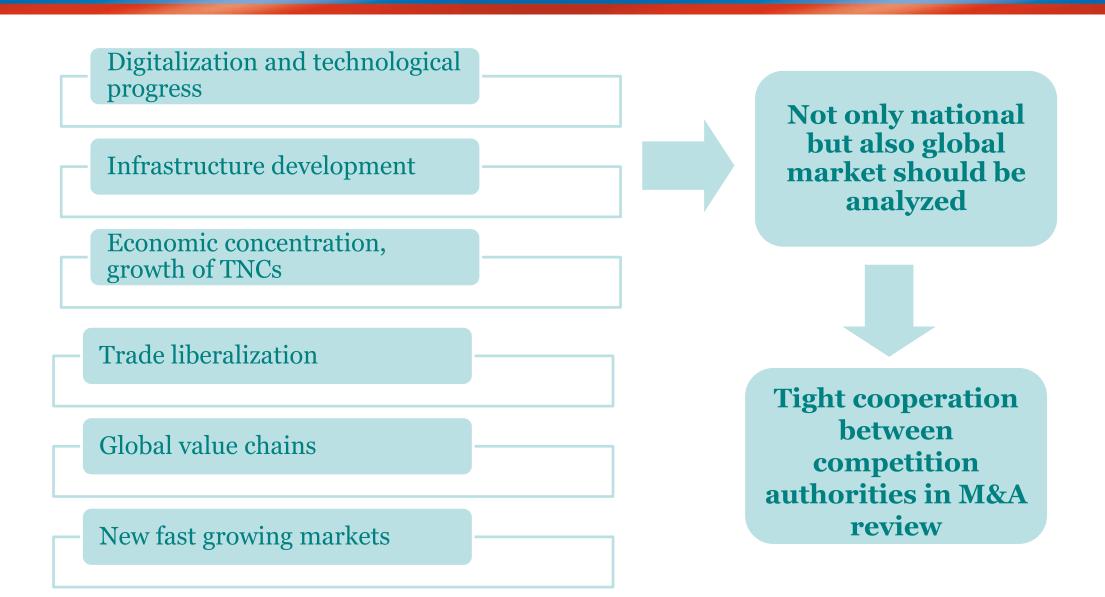




Challenges of globalization for merger review: Russian experience

Andrey Tsyganov Deputy Head of the FAS Russia Japan, November 2018

Defining the geographic scope of a market in merger review



Merger review in new realities

Perspective approach predicting and analyzing the consequences of merger including technological changes (disruptive technologies)

Big data, IPR and innovative potential of merging companies

Heterogeneity and individualization of goods/services

- ✓ New approach to market analysis
 - ✓ New forms of remedies
- **✓** Accuracy of remedies

2. Communication with Agencies in other Jurisdictions



International cooperation Communication between agencies

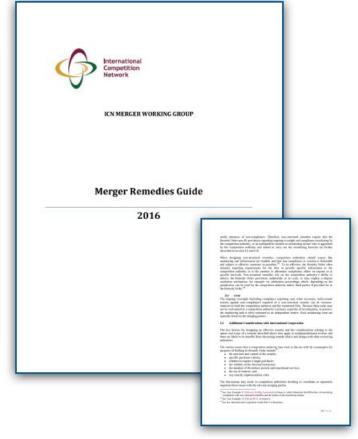


ICN MWG Work Products

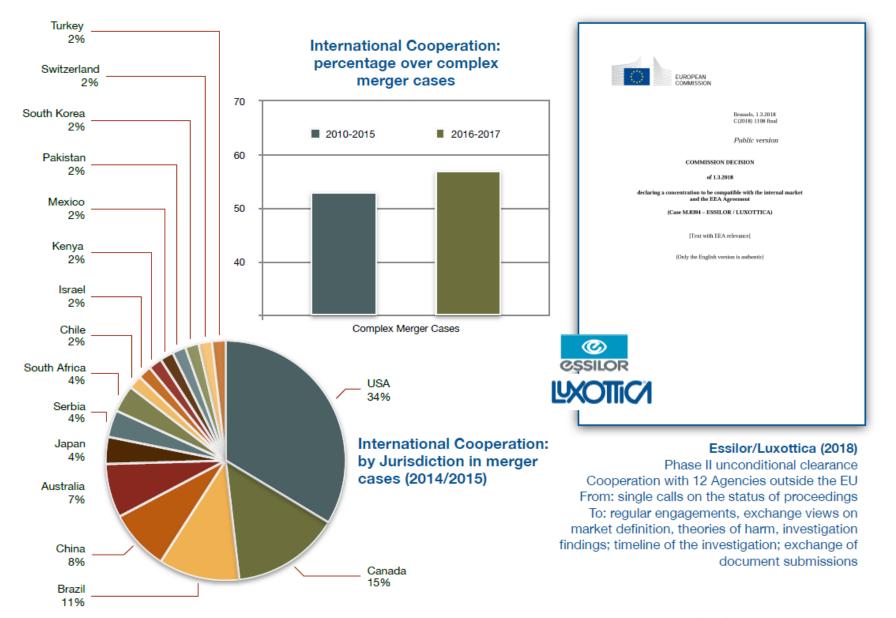


Practical Guide to International Enforcement Cooperation in Mergers (2015)

Merger Remedies Guide (2016)





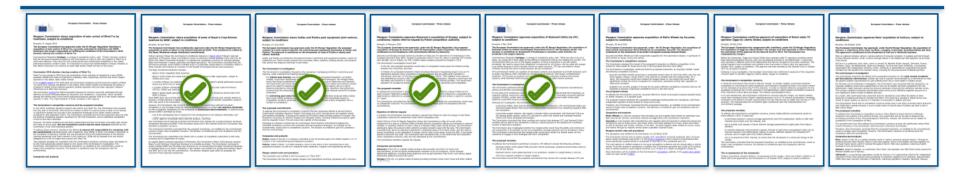




Intervention cases (2018)

(until 31/10)

Phase I with remedies



(cont.)

Phase II with remedies

Phase II abandoned

















Areas of cooperation in M&A cases

Cooperation with foreign competition authorities while considering global mergers

Bilateral cooperation

More than 60 official documents, (MoUs, programs of cooperation, agreements)

EAEU

EAEU Treaty, cooperation with EEC

CIS

Joint market studies in socially important markets

BRICS

MoU between the BRICS Competition Authorities

Monsanto/Bayer case

Global nature of the merger in the oligopolistic fast growing market

The merger affects the markets for the products used by agricultural producers (seeds, technologies, genetics and selection, data, complex solutions)

Application of waivers for consultations with India, China, Brazil and European Commission

New methodological approaches to identify potential anticompetitive effects of the merger both in the Russian and global markets

The FAS Russia took
into account the
information provided
by counterparts in
other jurisdictions
including on the basis
of waivers to consider
the merger in the most
proper way and to
make the most
balanced decision

3. Extra-territorial Remedies



Extraterritorial Remedies

- FTC and DOJ recently issued new Antitrust Guidelines for International Enforcement and Cooperation (January 13, 2017)
 - These Guidelines update an earlier 1995 edition
 - FTC and DOJ will seek extraterritorial remedies only if:
 - Remedy of "conduct or assets outside the United States" is
 - "needed to effectively redress harm or threatened harm"
 - "to *U.S. commerce and consumers*" and
 - "is consistent with the Agency's international comity analysis"
- In short, the focus remains on how the remedy redresses harm to *consumers in the United States*

Extraterritorial remedies



In our experience, location of parties' assets and sales have been key factors when considering possible extraterritorial remedies ...

_	_		
Assets	&	Sal	les

Remedies coordination

Examples

Assets in Mexico

- Consistent remedies to those of other jurisdictions
- Remedies offered in other jurisdictions may include Mexican assets
- Additional remedies may be imposed in Mexico to attend concerns in national markets

ChemChina /
Syngenta
(global deal, national markets, specific remedies for Mexico)

Delta/Aeromexico (JCA, cooperation with US sectoral regulator, remedies in both countries)

No assets in Mexico



Low sales in Mexico

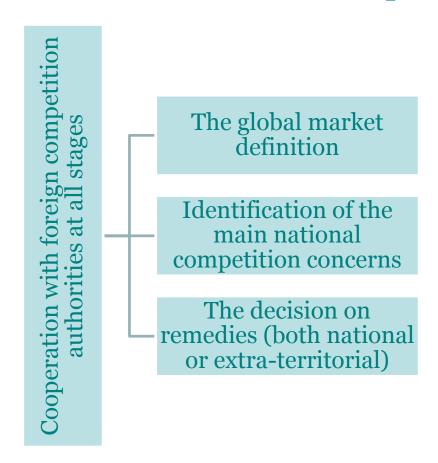
- Difficult and costly to monitor compliance
- Other authority best suited to monitor compliance
- Cofece only requires the parties to prove they fully complied with the remedy imposed by other jurisdiction

Dow/DuPont – Acid copolymer business (global deal, global market, no specific remedies for Mexico)

Emerson / Pentair (global deal, global market, no specific remedies for Mexico)

Extraterritorial remedies

✓ The Federal Law dated July 26, 2006, No. 135-FZ "On Protection of Competition" stipulates the possibility of **extraterritorial application of the Law on Protection of Competition**



The process of merger consideration

Extraterritorial remedies

Global economy vs national institutions

Imposition of extraterritorial remedies is quite complex and it is difficult to supervise its compliance

- ✓ Ex-post control of the behavior of the merged companies
 - ✓ Suppression of anticompetitive practices in case of violations and failure to implement the remedies