# INDIA'S FARM SUPPORT SCHEMES COME UNDER WTO SCANNER

## Dr. Surya Prakash Agarwal<sup>1</sup>

HOD & Assistant Professor<sup>1</sup>, Department of Commerce<sup>1</sup> Wisdom Education College<sup>1</sup>, Fatehpur Vishnoi<sup>1</sup>, Moradabad<sup>1</sup>

#### Abstract

WTO members have taken steps to reform the agriculture sector and to address the subsidies and high trade barriers that distort agricultural trade. The overall aim is to establish a fairer trading system that will increase market access and improve the livelihoods of farmers around the world. The WTO Agreement on Agriculture, which came into force in 1995, represents a significant step towards reforming agricultural trade and making it fairer and more competitive. The Agriculture Committee oversees implementation of the Agreement. The Committee on Agriculture oversees implementation of the Agriculture Agreement and monitors how WTO members are complying with their commitments. Members are required to share information and may ask each other questions or raise concerns about each other's agricultural policies.WTO members adopted important decisions on agriculture at the 2015 WTO Ministerial Conference in Nairobi, Kenya. These include a commitment to abolish subsidies for farm exports as well as decisions on public stockholding for food security purposes, on a special safeguard mechanism for developing countries, and on trade rules for cotton.

Keywords: WTO scanner ,Agriculture Agreement ,Market access, Schemes

# Introduction

The present rules and commitments on agriculture are often called the "Uruguay Round reform programme" — they were negotiated in the Uruguay Round and they include reductions in subsidies and protection as well as other disciplines on the trade. While the volume of world agricultural exports has substantially increased over recent decades, its rate of growth has lagged behind that of manufactures, resulting in a steady decline in agriculture's share in world merchandise trade. In 1998, agricultural trade accounted for 10.5 per cent of total merchandise trade — when trade in services is taken into account, agriculture's share in global exports drops to 8.5 per cent. However, with respect to world trade agriculture is still ahead of sectors such as mining products, automotive products, chemicals, textiles and clothing or iron and steel. Among the agricultural goods traded internationally, food products make up almost 80 per cent of the total. The other main category of agricultural products is raw materials. Since the mid-1980s, trade in processed and other high value agricultural products has been expanding much faster than trade in the basic primary products such as cereals. Agricultural trade remains in many countries an important part of overall economic activity and continues to play a major role in domestic agricultural production and employment. The trading system plays also a fundamentally important role in global food security, for example by ensuring that temporary or protracted food deficits arising from adverse climatic and other conditions can be met from world markets.

## India's farm support schemes come under WTO scanner

India is facing increased heat at the World Trade Organisation not only on the minimum support price programmes for wheat but also for other key commodities such as sugarcane and pulses. While Australia continued raising concerns over a steady increase in India's MSP for wheat, the US and the EU questioned subsidies on sugarcane, buffer stocks of pulses, and price support for both rabi and kharif crops, at a meeting of the agriculture committee on Tuesday, a government official said. What makes things worse for India is the fact that while there is increased scrutiny of its support programmes, very little movement has actually taken place on a permanent solution for legitimising its food procurement subsidies as promised by WTO members.

"The absence of a permanent solution on the treatment of procurement subsidies makes India vulnerable when countries point fingers at its domestic programmes. If procurement subsidies continue to be classified as trade-distorting and the method of its calculation is not rectified, India could breach the cap of 10 per cent of farm production when its food security programme is fully implemented. Other countries could then drag India to dispute on the issue," the official said. Amiti Sen (2017)

# **Agreements**

- The WTO oversees about 60 different agreements which have the status of international legal texts. Member countries must sign and ratify all WTO agreements on accession. A discussion of some of the most important agreements follows.
- The Agreement on Agriculture came into effect with the establishment of the WTO at the beginning of 1995. The AoA has three central concepts, or "pillars": domestic support, market access and export subsidies.
- The General Agreement on Trade in Services was created to extend the multilateral trading system to service sector, in the same way as the General Agreement on Tariffs and Trade (GATT) provided such a system for merchandise trade. The agreement entered into force in January 1995.
- The Agreement on Trade-Related Aspects of Intellectual Property Rights sets down minimum standards for many forms of intellectual property (IP) regulation. It was negotiated at the end of the Uruguay Round of the General Agreement on Tariffs and Trade (GATT) in 1994.[103]
- The Agreement on the Application of Sanitary and Phytosanitary Measures—also known as the SPS Agreement—was negotiated during the Uruguay Round of GATT, and entered into force with the establishment of the WTO at the beginning of 1995. Under the SPS agreement, the WTO sets constraints on members' policies relating to food safety (bacterial contaminants, pesticides, inspection and labelling) as well as animal and plant health (imported pests and diseases).
- The Agreement on Technical Barriers to Trade is an international treaty of the World Trade Organization. It was negotiated during the Uruguay Round of the General Agreement on Tariffs and Trade, and entered into force with the establishment of the WTO at the end of 1994. The object ensures that technical negotiations and standards, as well as testing and certification procedures, do not create unnecessary obstacles to trade"
- The Agreement on Customs Valuation, formally known as the Agreement on Implementation of Article VII of GATT, prescribes methods of customs valuation that Members are to follow. Chiefly, it adopts the "transaction value" approach.
- In December 2013, the biggest agreement within the WTO was signed and known as the Bali Package

#### The Agriculture Agreement: new rules and commitments

The objective of the is to reform trade in the sector and to make policies more market-oriented. This would improve predictability and security for importing and exporting countries alike. The new rules and commitments apply to:

**Market access** — various trade restrictions confronting imports

- **Domestic support** subsidies and other programmes, including those that raise or guarantee farmgate prices and farmers' incomes
- **Export subsidies** and other methods used to make exports artificially competitive.

The agreement does allow governments to support their rural economies, but preferably through policies that cause less distortion to trade. It also allows some flexibility in the way commitments are implemented. Developing countries do not have to cut their subsidies or lower their tariffs as much as developed countries, and they are given extra time to complete their obligations. Leastdeveloped countries don't have to do this at all. Special provisions deal with the interests of countries that rely on imports for their food supplies, and the concerns of least-developed economies.

"Peace" provisions within the agreement aim to reduce the likelihood of disputes or challenges on agricultural subsidies over a period of nine years, until the end of 2003.

# Agricultural trade

While the volume of world agricultural exports has substantially increased over recent decades, its rate of growth has lagged behind that of manufactures, resulting in a steady decline in agriculture's share in world merchandise trade. In 1998, agricultural trade accounted for 10.5 per cent of total merchandise trade — when trade in services is taken into account, agriculture's share in global exports drops to 8.5 per cent. However, with respect to world trade agriculture is still ahead of sectors such as mining products, automotive products, chemicals, textiles and clothing or iron and steel. Among the agricultural goods traded internationally, food products make up almost 80 per cent of the total. The other main category of agricultural products is raw materials. Since the mid-1980s, trade in processed and other high value agricultural products has been expanding much faster than trade in the basic primary products such as cereals. Agricultural trade remains in many countries an important part of overall economic activity and continues to play a major role in domestic agricultural production and employment. The trading system plays also a fundamentally important role in global food security, for example by ensuring that temporary or protracted food deficits arising from adverse climatic and other conditions can be met from world markets.

# Trade policies prior to the WTO

Although agriculture has always been covered by the GATT, prior to the WTO there were several important differences with respect to the rules that applied to agricultural primary products as opposed to industrial products. The GATT 1947 allowed countries to use export subsidies on agricultural primary products whereas export subsidies on industrial products were prohibited. The only conditions were that agricultural export subsidies should not be used to capture more than an "equitable share" of world exports of the product concerned (Article XVI:3 of GATT). The GATT rules also allowed countries to resort to import restrictions (e.g. import quotas) under certain conditions, notably when these restrictions were necessary to enforce measures to effectively limit domestic production (Article XI:2(c) of GATT). This exception was also conditional on the maintenance of a minimum proportion of imports relative to domestic production. However, in practice many non-tariff border restrictions were applied to imports without any effective counterpart limitations on domestic production and without maintaining minimum import access. In some cases this was achieved through the use of measures not specifically provided for under Article XI. In other cases it reflected exceptions and country-specific derogations such as grandfather clauses, waivers and protocols of accession. In still other cases non-tariff import restrictions were maintained without any apparent justification.

The result of all this was a proliferation of impediments to agricultural trade, including by means of import bans, quotas setting the maximum level of imports, variable import levies, minimum import prices and non-tariff measures maintained by state trading enterprises. Major agricultural products such as cereals, meat, dairy products, sugar and a range of fruits and vegetables have faced

barriers to trade on a scale uncommon in other merchandise sectors. In part, this insulation of domestic markets was the result of measures originally introduced following the collapse of commodity prices in the 1930s Depression. Furthermore, in the aftermath of the Second World War many governments were concerned primarily with increasing domestic agricultural production so as to feed their growing populations. With this objective in mind and in order to maintain a certain balance between the development of rural and urban incomes, many countries, particularly in the developed world, resorted to market price support — farm prices were administratively raised. Import access barriers ensured that domestic production could continue to be sold. In response to these measures and as a result of productivity gains, self-sufficiency rates rapidly increased. In a number of cases, expanding domestic production of certain agricultural products not only replaced imports completely but resulted in structural surpluses. Export subsidies were increasingly used to dump surpluses onto the world market, thus depressing world market prices. On the other hand, this factor, plus the effects of overvalued exchange rates, low food price policies in favour of urban consumers and certain other domestic measures, reduced in a number of developing countries the incentive for farmers to increase or even maintain their agricultural production levels.

# **Uruguay Round agricultural negotiations**

In the lead-up to the Uruguay Round negotiations, it became increasingly evident that the causes of disarray in world agriculture went beyond import access problems which had been the traditional focus of GATT negotiations. To get to the roots of the problems, disciplines with regard to all measures affecting trade in agriculture, including domestic agricultural policies and the subsidization of agricultural exports, were considered to be essential. Clearer rules for sanitary and phytosanitary measures were also considered to be required, both in their own right and to prevent circumvention of stricter rules on import access through unjustified, protectionist use of food safety as well as animal and plant health measures. The agricultural negotiations in the Uruguay Round were by no means easy — the broad scope of the negotiations and their political sensitivity necessarily required much time in order to reach an agreement on the new rules, and much technical work was required in order to establish sound means to formalise commitments in policy areas beyond the scope of prior GATT practice. The Agreement on Agriculture and the Agreement on the Application of Sanitary and Phytosanitary Measures were negotiated in parallel, and a Decision on Measures Concerning the Possible Negative Effects of the Reform Programme on Least-developed and Net Food-importing Developing Countries also formed part of the overall outcome.

# **Introduction to the Agreement on Agriculture**

The Agreement on Agriculture, (the "Agreement"), came into force on 1 January 1995. The preamble to the Agreement recognizes that the agreed long-term objective of the reform process initiated by the Uruguay Round reform programme is to establish a fair and market-oriented agricultural trading system. The reform programme comprises specific commitments to reduce support and protection in the areas of domestic support, export subsidies and market access, and through the establishment of strengthened and more operationally effective GATT rules and disciplines. The Agreement also takes into account non-trade concerns, including food security and the need to protect the environment, and provides special and differential treatment for developing countries, including an improvement in the opportunities and terms of access for agricultural products of particular export interest to these Members.

# Relationship with other WTO Agreements

In principle, all WTO agreements and understandings on trade in goods apply to agriculture, including the GATT 1994 and WTO agreements on such matters as customs valuation, import licensing procedures, pre-shipment inspection, emergency safeguard measures, subsidies and technical barriers to trade. However, where there is any conflict between these agreements and the Agreement on Agriculture, the provisions of the Agreement on Agriculture prevail. The WTO Agreements on Trade in Services and on Trade-Related Aspects of Intellectual Property rights are also applicable to agriculture.

www.jetir.org (ISSN-2349-5162)

© 2017 JETIR November 2017, Volume 4, Issue 11

**Product coverage** 

The Agreement defines in its Annex 1 agricultural products by reference to the harmonised system of product classification — the

definition covers not only basic agricultural products such as wheat, milk and live animals, but the products derived from them such

as bread, butter and meat, as well as all processed agricultural products such as chocolate and sausages. The coverage also includes wines, spirits and tobacco products, fibres such as cotton, wool and silk, and raw animal skins destined for leather production. Fish

and fish products are not included, nor are forestry products.

**Rules and commitments** 

The Agreement on Agriculture establishes a number of generally applicable rules with regard to trade-related agricultural measures,

primarily in the areas of market access, domestic support and export competition. These rules relate to country-specific commitments

to improve market access and reduce trade-distorting subsidies which are contained in the individual country schedules of the WTO

Members and constitute an integral part of the GATT.

Implementation period

The implementation period for the country-specific commitments is the six-year period commencing in 1995. However, developing

countries have the flexibility to implement their reduction and other specific commitments over a period of up to 10 years. Members

had the choice of implementing their concessions and commitments on the basis of calendar, marketing (crop) or fiscal years. A WTO

Member's implementation year for tariff reductions may thus differ from the one applied to export subsidy reductions. For the

purpose of the peace clause, the implementation period is the nine-year period commencing in 1995.

**Committee on Agriculture** 

The Agreement established a Committee on Agriculture. The Committee oversees the implementation of the Agreement on

Agriculture and affords Members the opportunity of consulting on any matter relating to the implementation of commitments,

including rule-based commitments. For this purpose, the Committee usually meets four times per year. Special meetings can be

convened if necessary.

Market access: 'tariffs only', please

The new rule for market access in agricultural products is "tariffs only". Before the Uruguay Round, some agricultural imports were

restricted by quotas and other non-tariff measures. These have been replaced by tariffs that provide more-or-less equivalent levels of

protection — if the previous policy meant domestic prices were 75% higher than world prices, then the new tariff could be around

75%. (Converting the quotas and other types of measures to tariffs in this way was called "tariffication".)

The reductions in agricultural subsidies and protection agreed in the Uruguay Round. Only the figures for cutting export subsidies

appear in the agreement.

Developed

**Developing** 

countries

countries

6 years: 1995-2000 10 years: 1995-2004

905

Tariffs		
average cut for all agricultural products	-36%	-24%
minimum cut per product	-15%	-10%
Domestic support		
total AMS cuts for sector (base period: 1986-88)	-20%	-13%
Exports		
value of subsidies	-36%	-24%
subsidized quantities (base period: 1986-90)	-21%	-14%

Least developed countries do not have to make commitments to reduce tariffs or subsidies.

The base level for tariff cuts was the bound rate before 1 January 1995; or, for unbound tariffs, the actual rate charged in September 1986 when the Uruguay Round began. The other figures were targets used to calculate countries' legally-binding "schedules" of commitments.

The tariffication package contained more. It ensured that quantities imported before the agreement took effect could continue to be imported, and it guaranteed that some new quantities were charged duty rates that were not prohibitive. This was achieved by a system of "tariff-quotas" — lower tariff rates for specified quantities, higher (sometimes much higher) rates for quantities that exceed the quota. The newly committed tariffs and tariff quotas, covering all agricultural products, took effect in 1995. Uruguay Round participants agreed that developed countries would cut the tariffs (the higher out-of-quota rates in the case of tariff-quotas) by an average of 36%, in equal steps over six years. Developing countries would make 24% cuts over 10 years. Several developing countries also used the option of offering ceiling tariff rates in cases where duties were not "bound" (i.e. committed under GATT or WTO regulations) before the Uruguay Round. Least-developed countries do not have to cut their tariffs. (These figures do not actually appear in the Agriculture Agreement. Participants used them to prepare their schedules — i.e. lists of commitments. It is the commitments listed in the schedules that are legally binding.) For products whose non-tariff restrictions have been converted to tariffs, governments are allowed to take special emergency actions ("special safeguards") in order to prevent swiftly falling prices or surges in imports from hurting their farmers. But the agreement specifies when and how those emergency actions can be introduced (for example, they cannot be used on imports within a tariff-quota). Four countries used "special treatment" provisions to restrict imports of particularly sensitive products (mainly rice) during the implementation period (to 2000 for developed countries, to 2004 for developing nations), but subject to strictly defined conditions, including minimum access for overseas suppliers. The four were: Japan, Rep. of Korea, and the Philippines for rice; and Israel for sheepmeat, wholemilk powder and certain cheeses. Japan and Israel have now given up this right, but Rep. of Korea and the Philippines have extended their special treatment for rice. A new member, Chinese Taipei, gave special treatment to rice in its first year of membership, 2002.

#### Peace clause

While New Delhi managed to get a peace clause inserted in the rules at the Ministerial meet in Bali in December 2013 stating that there won't be any action taken against India's procurement subsidies till a permanent solution is reached on the matter, there are several conditions attached to it that might render the clause ineffective.

## Year-end deadline

"While developed countries' scrutiny of our farm support programmes is on the rise, there is not much interest on resolving the issue of legitimisation of such subsidies despite the fact that the year-end deadline is drawing near," the official said.

Drawing attention to India's MSP programme on wheat at the agriculture committee meeting, Australia said that wheat prices have been declining in recent years and any wheat trade policies that could affect world prices deserved close attention.

#### **Shared concern**

It pointed out that MSP in India has been increasing since 2006 while world prices declined. The concern was shared by the US, Ukraine, Canada and the EU, another official privy to the meeting said. India said its support prices depended on various factors including the cost of cultivation and market price, and more information could be found on its government website. India and many other developing countries have been trying to get WTO members to recognise food procurement subsidies as non-trade distorting subsidies. Alternatively, they want a change in the formula for calculating such subsidies by benchmarking it to current market prices and not market prices prevailing in 1986-88.

## **Agreement on Agriculture**

The negotiations have resulted in four main portions of the Agreement; the Agreement on Agriculture itself; the concessions and commitments Members are to undertake on market access, domestic support and export subsidies; the Agreement on Sanitary and Phytosanitary Measures; and the Ministerial Decision concerning Least-Developed and Net Food-Importing Developing countries. Overall, the results of the negotiations provide a framework for the long-term reform of agricultural trade and domestic policies over the years to come. It makes a decisive move towards the objective of increased market orientation in agricultural trade. The rules governing agricultural trade are strengthened which will lead to improved predictability and stability for importing and exporting countries alike. The agricultural package also addresses many other issues of vital economic and political importance to many Members. These include provisions that encourage the use of less trade-distorting domestic support policies to maintain the rural economy, that allow actions to be taken to ease any adjustment burden, and also the introduction of tightly prescribed provisions that allow some flexibility in the implementation of commitments. Specific concerns of developing countries have been addressed including the concerns of net-food importing countries and least-developed countries. The agricultural package provides for commitments in the area of market access, domestic support and export competition. The text of the Agricultural Agreement is mirrored in the GATT Schedules of legal commitments relating to individual countries (see above).

In the area of market access, non-tariff border measures are replaced by tariffs that provide substantially the same level of protection. Tariffs resulting from this "tariffication" process, as well as other tariffs on agricultural products, are to be reduced by an average 36 per cent in the case of developed countries and 24 per cent in the case of developing countries, with minimum reductions for each tariff line being required. Reductions are to be undertaken over six years in the case of developed countries and over ten years in the case of developing countries. Least-developed countries are not required to reduce their tariffs. The tariffication package also provides for the maintenance of current access opportunities and the establishment of minimum access tariff quotas (at reduced-tariff rates) where current access is less than 3 per cent of domestic consumption. These minimum access tariff quotas are to be expanded to 5 per cent over the implementation period. In the case of "tariffied" products "special safeguard" provisions will allow additional duties to be applied in case shipments at prices denominated in domestic currencies below a certain reference level or in case of a surge of imports. The trigger in the safeguard for import surges depends on the "import penetration" currently existing in the market, i.e. where imports currently make up a large proportion of consumption, the import surge required to trigger the special safeguard action is lower.

Domestic support measures that have, at most, a minimal impact on trade ("green box" policies) are excluded from reduction commitments. Such policies include general government services, for example in the areas of research, disease control, infrastructure and food security. It also includes direct payments to producers, for example certain forms of "decoupled" (from production) income support, structural adjustment assistance, direct payments under environmental programmes and under regional assistance programmes. In addition to the green box policies, other policies need not be included in the Total Aggregate Measurement of Support (Total AMS) reduction commitments. These policies are direct payments under production-limiting programmes, certain government assistance measures to encourage agricultural and rural development in developing countries and other support which makes up only a low proportion (5 per cent in the case of developed countries and 10 per cent in the case of developing countries) of the value of production of individual products or, in the case of non-product-specific support, the value of total agricultural production.

The Total AMS covers all support provided on either a product-specific or non-product-specific basis that does not qualify for exemption and is to be reduced by 20 per cent (13.3 per cent for developing countries with no reduction for least-developed countries) during the implementation period. Members are required to reduce the value of mainly direct export subsidies to a level 36 per cent below the 1986-90 base period level over the six-year implementation period, and the quantity of subsidised exports by 21 per cent over the same period. In the case of developing countries, the reductions are two-thirds those of developed countries over a ten-year period (with no reductions applying to the least-developed countries) and subject to certain conditions, there are no commitments on subsidies to reduce the costs of marketing exports of agricultural products or internal transport and freight charges on export shipments. Where subsidised exports have increased since the 1986-90 base period, 1991-92 may be used, in certain circumstances, as the beginning point of reductions although the end-point remains that based on the 1986-90 base period level. The Agreement on Agriculture provides for some limited flexibility between years in terms of export subsidy reduction commitments and contains provisions aimed at preventing the circumvention of the export subsidy commitments and sets out criteria for food aid donations and the use of export credits. "Peace" provisions within the agreement include: an understanding that certain actions available under the Subsidies Agreement will not be applied with respect to green box policies and domestic support and export subsidies maintained in conformity with commitments; an understanding that "due restraint" will be used in the application of countervailing duty rights under the General Agreement; and setting out limits in terms of the applicability of nullification or impairment actions. These peace provisions will apply for a period of 9 years.

The agreement sets up a committee that will monitor the implementation of commitments, and also monitor the follow-up to the Decision on Measures Concerning the Possible Negative Effects of the Reform Programme on Least-Developed and Net Food-Importing Developing Countries. The package is conceived as part of a continuing process with the long-term objective of securing substantial progressive reductions in support and protection. In this light, it calls for further negotiations in the fifth year of implementation which, along with an assessment of the first five years, would take into account non-trade concerns, special and differential treatment for developing countries, the objective to establish a fair and market-oriented agricultural trading system and other concerns and objectives noted in the preamble to the agreement.

#### **Conclusion**

Article 20 of the Agreement on Agriculture (AoA) (www.wto.orgmandates that negotiations for continuing the reform process in agriculture will be initiated one year before the end of the implementation period. As the implementation period for developed countries culminated at the end of the year 2000, the negotiations on the Agreement on Agriculture have begun in January 2000. These negotiations are being conducted in special sessions of the WTO Committee on Agriculture (COA) at Geneva. The following are the broad parameters for carrying out negotiations:

Experience of member countries in implementation of reduction commitments till date; The effects of reduction commitments on World Trade in Agriculture; Non trade concerns, special and differential treatment to developing country members and the objective of establishing a fair and market oriented agricultural trading system; and Identifying further commitments necessary to achieve the long-term objectives of the Agreement. During extensive deliberations in the WTO Committee on Agriculture and in the General Council, member countries had agreed to broadly adhere to the mandate of Article 20 of the Agreement. In pursuance of the same, in the first phase of the negotiations, members have submitted 47 negotiating proposals, which were discussed in Seven Special Sessions of the CoA. With the approval of the Cabinet Committee on WTO Matters, India also submitted its negotiating proposals to the WTO on 15th January 2001, in the areas of market access, domestic support, export competition and food security. These proposals were drawn up and drafted based on inputs received from wide ranging consultations with various stakeholders and keeping in view India's objectives in the negotiations, which are to protect its food and livelihood security concerns and to protect all domestic policy measures taken for poverty alleviation, rural development and rural employment as also to create opportunities for expansion of agricultural exports by securing meaningful market access in developed countries. India also co-sponsored two papers, one on "Market Access" along with 11 other developing countries and another on "Export Credits for Agricultural Products" along with 9 other countries/group of countries.

# References

- 1. "A Summary of the Final Act of the Uruguay Round". Wto.org. Retrieved 30 May 2010.
- 2. "Deputy Directors-General". 1 October 2017. Retrieved 13 June 2018.
- 3. https://www.wto.org/english/tratop e/agric e/agric e.html
- 4. https://www.wto.org/english/thewto\_e/whatis\_e/tif\_e/agrm3\_e.htm
- 5. https://www.wto.org/english/tratop\_e/agric\_e/ag\_intro01\_intro\_e.htm#trade\_policies
- 6. https://www.wto.org/english/tratop\_e/agric\_e/ag\_intro01\_intro\_e.htm#rules
- 7. International intergovernmental organizations granted observer status to WTO bodies at WTO official website
- 8. "Legal texts the WTO agreements". WTO. Retrieved 30 May 2010.
- 9. Understanding the WTO Intellectual property: protection and enforcement. WTO. Retrieved on 29 July 2013.
- 10. "Previous GATT and WTO Directors-General". WTO. Retrieved 21 May 2011.
- 11. Nicita, Alessandro; Olarreaga, Marcelo; Silva, Peri da (2018-04-05). "A trade war will increase average tariffs by 32 percentage points". VoxEU.org. Retrieved 2018-04-27.
- 12. "WT/L/509". WTO. Retrieved 18 February 2013.
- 13. Zarocostas, John (7 December 2013). "Global Trade Deal Reached". WWD. Retrieved 8 December 2013.