Swiss WorldCargo Facts & Figures: The airfreight division of SWISS & the Air Cargo industry Urs Stulz Vice President, Head of Central Services Cargo

28 April 2015 – ETH Zurich



Table of content

ndustry

- 1) Air Cargo Industry
- 2) Changes in the Industry

SWC

- 2) Product Portfolio
- 3) The Belly Business
- 4) Strategy

Future

5) Drones...

Sustainable

6) Sustainability – the Swiss WorldCargo Way



World merchandise exports rose 2.1% to \$18.301bn in 2013...

Industrv

SWC

Future



Source: United Nations Conference on Trade and Development, 2014 Source Pictures: Wikipedia, 2013



Airfreight - approximately a mere 1% of the volume of global trade

Industrv





Airfreight - approximately a mere 1% of the volume of global trade but...

Industry





How is cargo transported? 50% is transported on freighter aircraft due to need of high capacity on trunk routes

Industrv





How is cargo transported? But still 50% is left on belly capacity (more destinations, frequencies)

Industrv





70% of airfreight is...





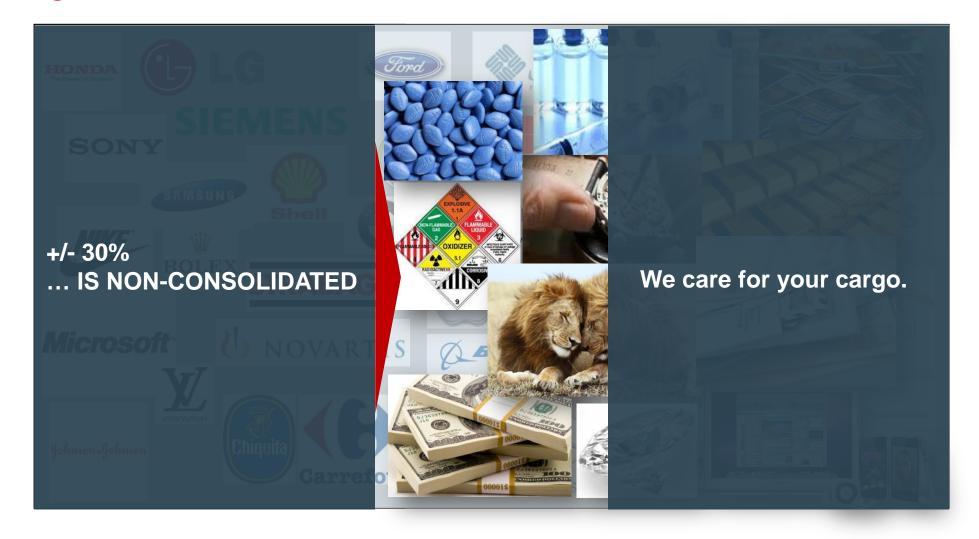
But not all airfreight is consolidated...





Many shipments require special handling – they are delivered directly to the airline and generate higher margins

Industrv

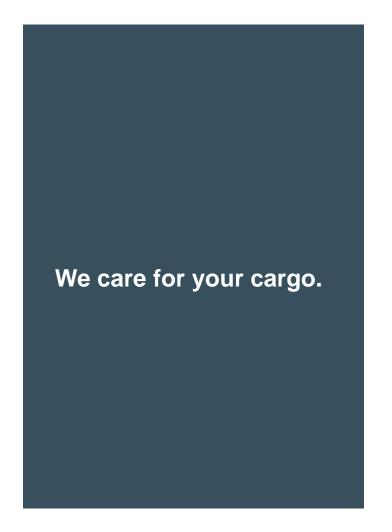




Switzerland is home to leading companies in many sectors and Swiss WorldCargo makes sure their business flows seamlessly

Industrv







Sustainabl

Air freight is an important competitive factor for the Swiss economy as well as the global economy



Air cargo services via Swiss airports are a basic necessity for Swiss businesses



One-third of all exports and one-sixth of all imports (by value) are transported by air



The passenger flights offered from and to Switzerland depend directly on air cargo volumes and demand



Industry and commerce see a need for selected infrastructural improvements



Air cargo in Switzerland secures over 200 000 highly-skilled domestic jobs



Globally, the air cargo industry serves as a key engine of economic growth and development, supporting trade and promoting connectivity





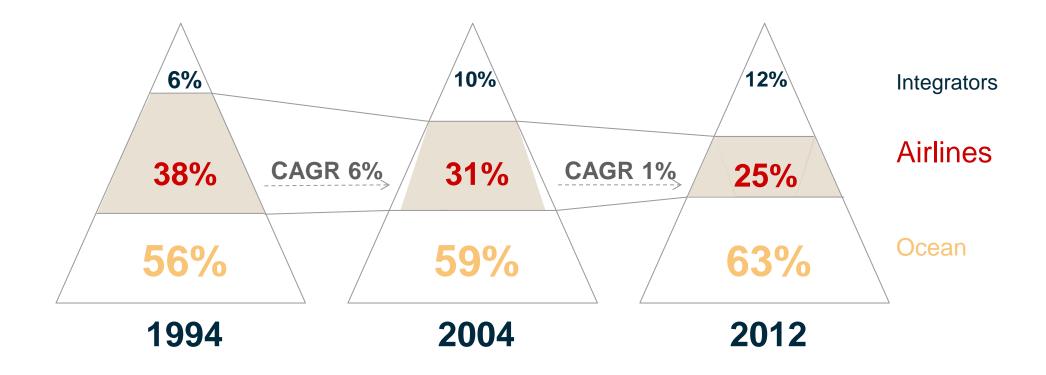


Our world (Air Cargo) is getting very, very difficult

Industrv

SWC

World International Air Express, Air Freight, and Ocean Freight Revenue Mix



(Source: Boeing Air Cargo Forecast, Global Insight, TSA estimates, ACMG & FedEx Analysis; CATS Seabury)



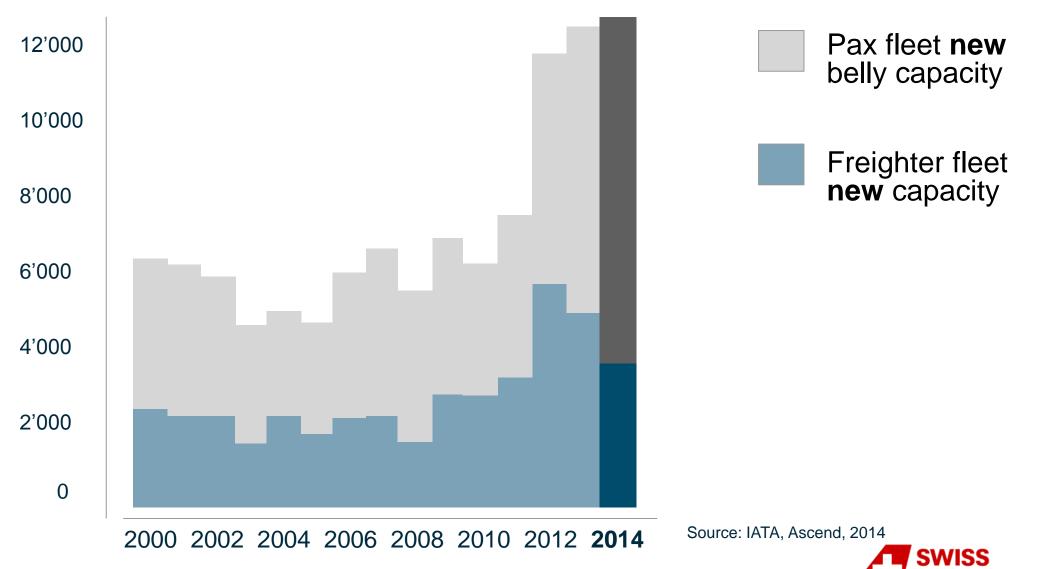
Capacity Growth (I) New passenger fleet adding more belly capacity

Industry

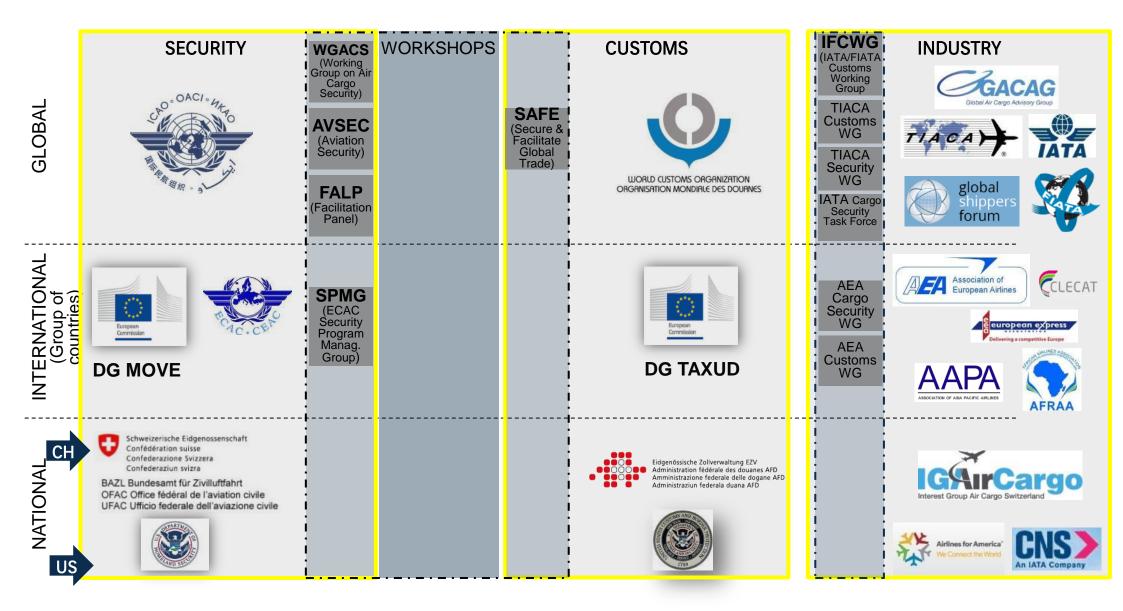
Future

ldCargo

Tons of new cargo capacity from aircraft deliveries



Regulatory bodies aren't exactly making our lives easier...



SWC

Swiss WorldCargos Vision is to keep and extend its position in Quality and Information Leadership

Making sustainable global trade happen as the virtual integrator

We use our unique strengths as a reliable and innovative service provider within the Lufthansa Group focusing on care intensive logistics solutions.
We inspire our people and engage our partners in continuously delivering superior quality.
We care for your cargo.

"We are true to ourselves and don't pretend to be something we aren't." "We do things properly or we don't do them at all." "It's the small things that bring us closer to our customers."



VISION

MISSION

VALUES

SWC

Focusing on industries, enabling us to remain the airline of choice for high-value, care-intensive logistic solutions



OUR TEAM

- Thorough understanding of industry specific needs
- Dedicated specialists with in-depth industry expertise
- Committed team adding-value to logistic chain
- Competence center

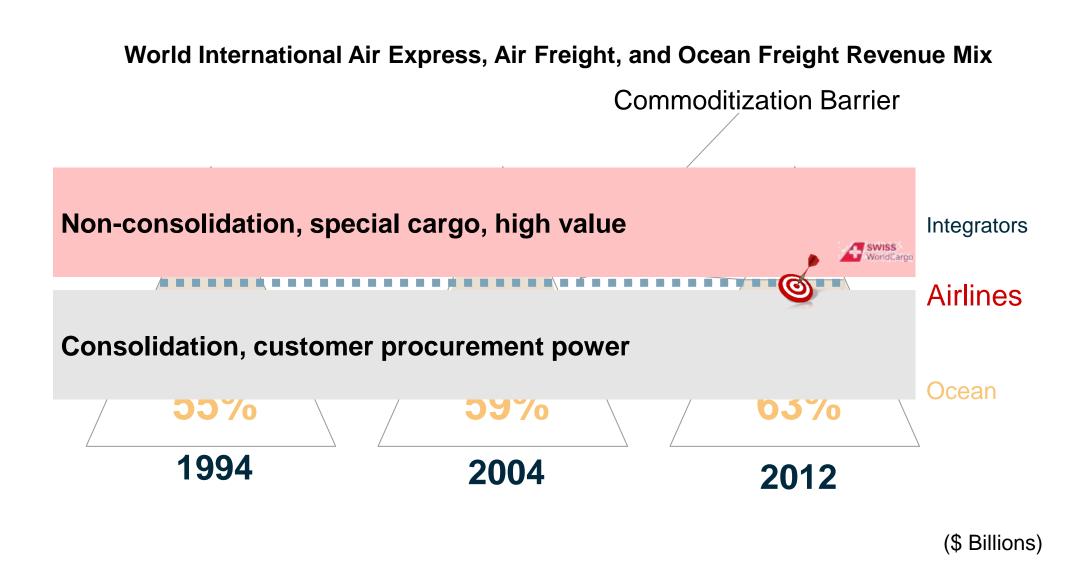
BENEFITS

- Design and optimize supply chain management
- Premium industry-specific solutions
- Focus on care intensive consignments



Sustainable

Avoiding the Commoditization Trap



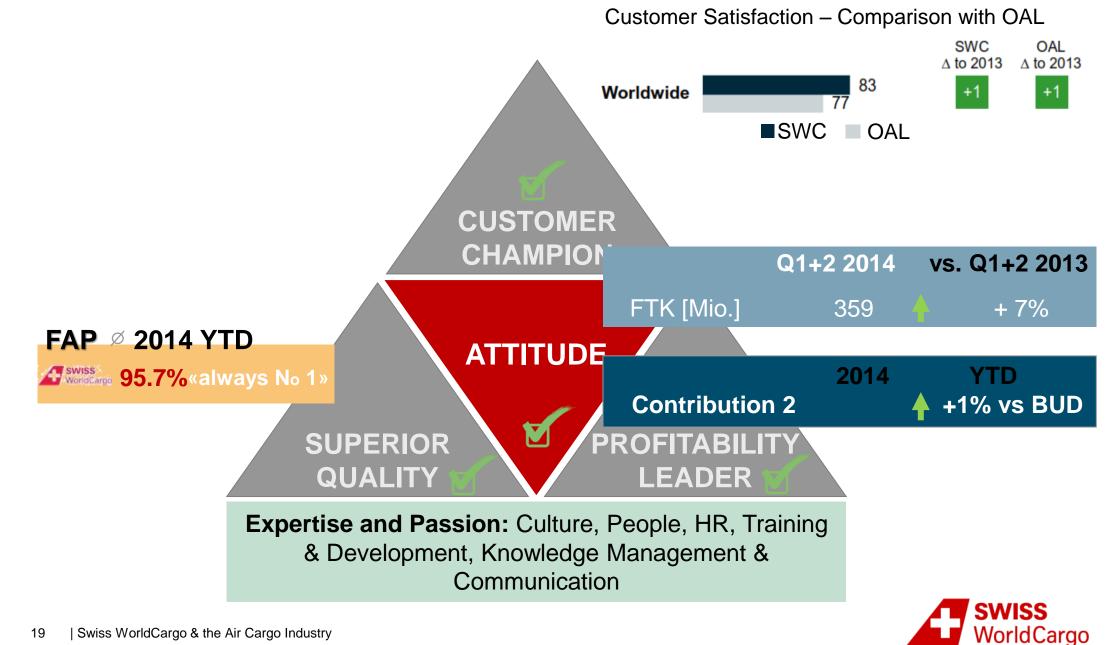
Source: Boeing Air Cargo Forecast, Global Insight, TSA estimates, ACMG & FedEx Analysis



The Swiss WorldCargo Strategy Triangle as the basis for our success

SWC

Industry



The Voices of Swiss WorldCargo's Customers

"When you want something special, you go to a boutique, not to a supermarket: that is Swiss WorldCargo!"

"We particularly appreciate Swiss WorldCargo as a quality carrier offering reliable service for time critical businesses and special product types such as High Valuable Cargo, e.g. Pharmaceuticals, Fashion, Watches, Precision Instruments."

"Certain shippers are willing to pay extra for better airlines and logistics service providers – but shippers can't tell [which are better]" Tim Scharwath, Executive Vice-President Air Logistics

Lukas Kuehner, Global Head of Air Freight

Joost van Doesburg, Air freight policy manager



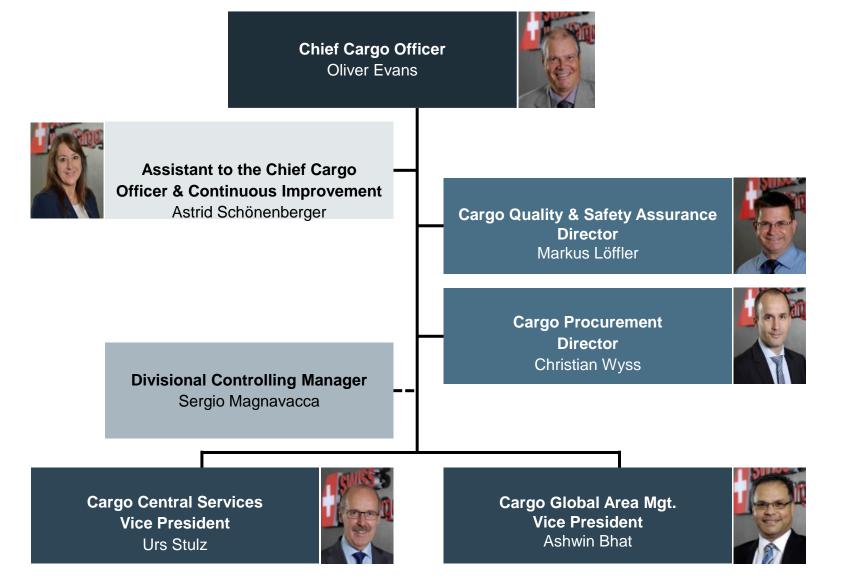




KUEHNE+NAGEL

Organization Management Swiss WorldCargo per April 2015

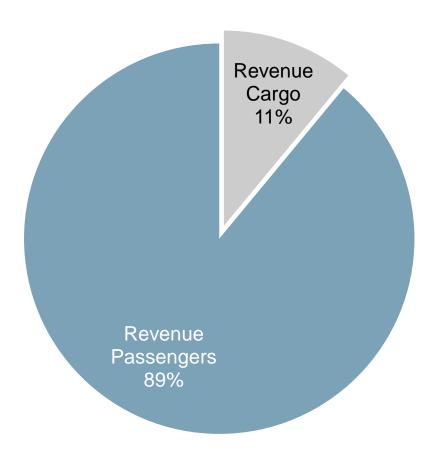
SWC





Important cargo contribution to the profitability of Swiss International Air Lines

2013

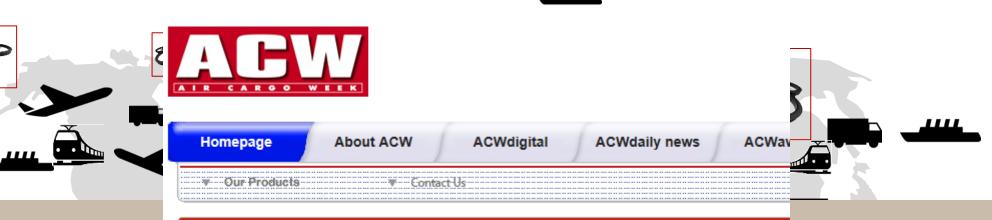




SWC



With UAVs already commercial, when will they complement our industry?



News Article

Published: 5th September 2014

A third of freight forwarders foresee cargo drones by 2029

More than a third of freight forwarders believe drones will be used for the future distribution of cargo and 42 per cent of logistics carriers believe their business will use such robot aircraft in future.

The drones, also known as Unmanned Air Vehicles (UAVs), are expected to provide cost savings for logistics companies in the long term because they are expected to use less fuel than manned aircraft. The survey of freight forwarders and carriers, carried out by theNational Aeronautic Centre (NAC) from 28 July to 11 August, also found that companies believed they would witness the introduction of drones in the next fifteen years. It is a survey by the Freight Transport Association that identified fuel as a major drive behind interest in drones. The NAC has facilities in the UK regions of West Wales and Cornwall.

Architect of the NAC and West Wales Airport managing director, Ray Mann, says: "This research shows that there is identified, tangible demand in the marketplace for UAVs capable of facilitating the transportation of goods with significant tonnage internationally."

In the survey, the the highest ranking concern from logistics firms and freight forwarders was that UAVs would not be able to transport sufficient tonnage to replace typical sea, road and air freight distributions.

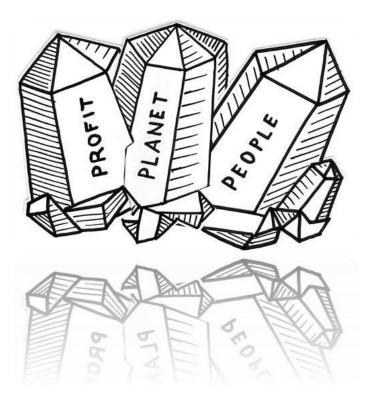


Future



ш

Sustainability – the Swiss WorldCargo Way



Creating a platform for reliable, long-term profitability, funding investments and building stakeholder value

SWC

Managing resources and our environment for future generations in innovative ways

PLANET

Attracting, retaining, and motivating talented individuals and teams. Taking ownership for everything that we do



Thank you!



We care for your cargo, WorldCargo

