



The Chartered  
Institute of Logistics  
and Transport

# CILT Link

THE CHARTERED INSTITUTE OF LOGISTICS AND TRANSPORT - SRI LANKA  
SEPTEMBER 2016 | VOLUME 1 | ISSUE 1



## The Nine Arches Bridge Demodara, Sri Lanka

The Nine Arches Bridge is one of the iconic bridges in Sri Lanka. It is located in Demodara, between Ella and Demodara Railway Stations.



## The Future is Here

Page 7



## The Transport Giants

Page 9



## Sahasara

Page 19



## R4TLI 2016

Page 14

SRI LANKA

# Stronger Together

*Capt. Lasitha Cumaratunga*



Firstly, I must thank the Editor and the Newsletter Committee of the Chartered Institute of Logistics and Transport Sri Lanka (CILTSL) for their dedication and hard work in making this revamped newsletter a reality. I also take this time to offer my sincere congratulations to the team behind this project and wish them every success with future publications.

As the leading industry association for logistics and transport in Sri Lanka for professionals and practitioners, CILTSL provides a wide range of services to its members. Through this newsletter, we further aim to augment member services, especially through engagement with members and creating awareness among the fraternity; providing a platform for CILTSL to position itself as THE leading professional body in the local arena; and contributing to the elevation of Sri Lanka within the CILT Global Community.

CILTSL is run by members for the benefit of its membership. It is the aspiration of the Council that our newsletter will act as a catalyst in showcasing our capabilities and strengths, and thereby drive our current members forward as well as attract new members, both individual and corporate, into our fellowship. We aim for the new CILTSL newsletter to be made available to all Members, employees and employers of Members, and to all other parties who have an avid interest in logistics and transportation. Therefore, I encourage all Members and Corporate Partners to avail themselves of the maximum benefits afforded by this newsletter, and contribute updates, noteworthy events and significant achievements so that they may inform the local and global industry of your capabilities.

The newsletter gives an insight to the various programmes and functions hosted by CILTSL. From information regarding the education, accreditation and CPD programmes, to various conferences, workshops, and evenings of inspiration, the CILTSL Newsletter intends to keep the readers informed and expand their understanding of logistics and transport.

On behalf of the CILTSL Council, I wish to thank and congratulate everyone associated with the publication of the newsletter and wish all of you continued success.

**Captain Lasitha Cumaratunga, CMILT**  
Chairman, CILT Sri Lanka 2016/17



**Rede Integrada de Transporte BRT System | Curitiba, Brazil**  
Rede Integrada de Transporte is a bus rapid transit (BRT) system in Curitiba, Brazil. Implemented in 1974, it is notable as being the first of many such systems around the world and a component of one of the first and most successful examples of transit-oriented development.

Image Courtesy - en.wikipedia.org



# Editor's Note

Dear Readers,

I am delighted to bring to you our inaugural newsletter, the CILT Link. This issue focuses on Rail Transportation. Through CILT Link, our goal is to create a new forum for exchange of information and relevant news on all aspects of Logistics and Transportation. Future scope of the CILTLink is open to your suggestions. I would like to encourage CILT members to submit original research notes as well as opinions, technical reports, and short communications in the general area of Logistics & Transportation.

I take this opportunity to commend the editorial team, who's commitment to excellence, ability to create and passion to deliver, is remarkable.

In Today's Volatile Uncertain Complex Ambiguous world, timely accurate information will be the source for your sustainable competitive advantage. Our aspiration is to develop CILT Link as your vital link to the L&T Industry.

Best Regards,

A handwritten signature in black ink, appearing to read 'Dhashma'.

Ms. Dhashma Karunaratne, MILT  
Editor, CILT Link



# Contents

## HIGHLIGHTS

- 7 The Future is Here
- 9 The Transport Giants
- 14 R4TLI 2016
- 19 Sahasara

## GLOBAL

- 5 World's First 3D Printed Aircraft
- 18 What is this VGM?
- 20 Hyundai to Join 2M
- 20 World's First Electric Highway
- 20 Gartner Supply Chain Top 25

## WiLAT

- 17 WiLAT Celebrates 3<sup>rd</sup> Anniversary
- 18 WiLAT Founders Day and The Strategic Planning Workshop

## LOCAL

- 11 Colombo Port Improves Efficiency
- 11 Japanese loan to fund Colombo Light Rail Project
- 11 CSC advertises tender bidding for Coal Lightering

## CILT

- 5 New International Vice President From Sri Lanka
- 6 CILT International Convention 2016

## YPF

- 13 CILT YPF Quiz Master 2016
- 13 CILT and YPF Awareness Programs  
University of Moratuwa and CINEC Maritime Campus

## EDITOR

Dhashma Karunaratne  
editor@ciltsl.com

## EDITORIAL ASSISTANT

Jayani Sudusinghe  
jayaishsudu@gmail.com

## EDITORIAL BOARD

Amra Zareer  
Anjalika Perera  
Ashan Wickramasinghe  
Gayara Jayasuriya  
Jayani Sudusinghe  
Manjaree Nigamuni  
Yashoda Nirupamala

## DESIGN AND LAYOUT

Bimandarshana Hettiarachchi  
bimandarshana@gmail.com

## ADVERTISING ENQUIRIES

Maryse De Costa  
admin@ciltsl.com

2016 © Copyright The Chartered Institute of Logistics and Transport - Sri Lanka. All rights reserved.

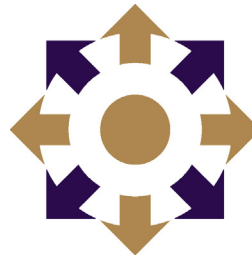
 [www.facebook.com/CILTSL](http://www.facebook.com/CILTSL)

 <https://twitter.com/CILTSriLanka>

## 'CILT Link' in the Making...



The Chartered Institute of Transport (CIT) Sri Lanka was established in 1984 and incorporated by the parliamentary act no. 08 of 2000. In 2001 following the merger of the two leading professional bodies CIT Sri Lanka became The Chartered Institute of Logistics and Transport (CILT) Sri Lanka. In 2012 The Council of Trustees of the Chartered Institute of Logistics and Transport (CILT) upgraded the status of CILT Sri Lanka from a Branch to a Territory. In doing so the Council of Trustees recognized the high standards of performance, governance and membership development evidenced in CILT Sri Lanka over the past several years. The award was made at the CILT International Convention and Annual General Meeting held in Birmingham from 11<sup>th</sup> to 14<sup>th</sup> June 2012, was presented to Mr. Romesh David, Chairman, CILT Sri Lanka, by HRH Princess Anne, the Princess Royal, who is the Patron of the Institute.



## The Chartered Institute of Logistics and Transport

CILT Sri Lanka is governed by a Council consisting of professionals representing all segments of the Transport and Logistics industry and is among the eight Chartered Institutes, forming the body – The Forum of Chartered Institutes (FCI) with objectives to serve common goals for the ultimate benefit of Sri Lanka’s economy. Further CILT Sri Lanka consists of two wings namely Women in Logistics and Transport (WiLAT) Sri Lanka and Young Professionals’ Forum (YPF) Sri Lanka dedicated for the Women and Youth of the Logistics and Transport industry.

**“ The Leading International Professional Body for everyone who works within Supply chain, Logistics and Transport ”**

# CILT SRI LANKA

The Chartered Institute of Logistics and Transport Sri Lanka



**SEATED FROM LEFT TO RIGHT**

Mrs. Gayani De Alwis, CMILT, Mr. Rohan J. Abeywickrema, Hon. FCILT, Mr. Ajith Ekanayake, CMILT (Secretary), Dr. Pradeepa Jayaratne, CMILT (Vice Chairperson), Capt. Lasitha Cumaratunga, CMILT (Chairman), Mr. Chaminda Perera, CMILT (Vice Chairman), Mr. M. A. Jeffrey, CMILT (Treasurer), Prof. Amal Kumara, FCILT, Mr. H. A. Premaratne, FCILT

**STANDING FROM LEFT TO RIGHT**

Dr. Ganga Samarasekara, CMILT, Mr. C J C Rodrigo, FCILT, Dr. T. Sivakumar, CMILT, Mr. Gihan Jayasinghe, CMILT, Mr. Ashan Wickramasinghe, Associate, Mr. Ramindu Liyanage, MILT, Mr. Biman Hettiarachchi, Student, Mr. Upali Gunawardena, CMILT, Dr. Tissa U. Liyanage, CMILT, Dr. Indika Sigera, CMILT, Mr. Lalith Edirisinghe, CMILT (Assistant Treasurer), Mrs. Namalie Siyambalapatiya, CMILT

**NOT IN PICTURE**

Mr. Channaka De Alwis, CMILT (Vice Chairperson), Mr. Niral Kadawatharatchie, CMILT (Immediate Past Chairman), Mr. Nujith Samarawickrema, CMILT, Mr. H. K. Henry De Silva, CMILT, Mrs. Dhashma Karunaratne, MILT (Assistant Treasurer), Ms. Hiroshini Fernando, Student, Ms. Imasha Gayathri, Student

**CILT OFFICE BEARERS (2016/17)**

**Capt. Lasitha Cumaratunga**  
Chairman

**Mr. Channaka De Alwis**  
Vice Chairman

**Mr. Chaminda Perera**  
Vice Chairman

**Dr. Pradeepa Jayaratne**  
Vice Chairperson

**Mr. Ajith Ekanayake**  
Secretary

**Mr. M.A. Jeffrey**  
Treasurer

**Mrs. Dhashma Karunaratne**  
Assistant Treasurer

**Mr. Niral Kadawatharatchie**  
Immediate Past Chairman

**Stronger Together**



## New International Vice President of CILT From Sri Lanka

Mr. Romesh David, CMILT  
President - Transportation Group  
John Keells Holdings PLC

Romesh David was recently appointed to the International Management Council of the CILT as an International Vice President (IVP) responsible for South Asia. His appointment was formally announced at the CILT Global Convention in Montreal in last May. The Institute's Charter and Byelaws provide for the nomination and appointment of International Vice-Presidents (IVPs). These appointments carry automatic membership of the International Management Committee and the International Council. The IVPs will facilitate regional collaboration which might include a regional grouping to drive membership growth strategies, share best practices, discuss regional education requirements, discuss regional Logistics and Transport issues, etc. The prime purpose of the regional structure is to further establish professional standards and excellence in the region through growth in new branches, membership and education. IVPs will be members of the International Management Committee and also sit on the International Council to represent the wider interests of the Institute, particularly for countries in their allocated region not just where they reside. CILT currently has eight IVPs with regional and specific responsibilities such as membership and education. Previously past Chairmen Rohaan Abeywickrema, Saliya Senanayake and Prof Amal Kumarage held the IVP positions from Sri Lanka.

Romesh is a Chartered member of CILT and was the Past Chairman of CILT Sri Lanka from 2012 to 2014. During his tenure Sri Lanka became a territory of CILT and WiLAT Sri Lanka forum was formed. In 2013, CILT Sri Lanka got the hosting rights to hold the CILT International convention in Sri Lanka and WiLAT Global forum was launched at the convention. He served on the Council of the CILT Sri Lanka until his appointment as an IVP. Romesh is the President

of Transportation Group of John Keells Holdings and has been with the JKH Group for 36 years during which he has served in the Leisure, Domestic & International Trade and IT sectors of the Group in addition to Transportation. He is a Co-Chair of the CCC National Agenda Committee on Logistics & Transport. He is a past Chairman of the Sri Lanka Logistics & Freight Forwarders Association and the Council for Business with Britain.



### World's First 3D Printed Aircraft

Airbus introduced Thor, world's first 3D-printed mini aircraft at the Berlin Air Show. Windowless, weighing just 46 pounds and measuring less than 13 feet long, Thor is said to be stable and flew beautifully. Airbus and its rival Boeing are already using 3D printing, notably to make parts for the A350 and B787 Dreamliner. Aside from the costs savings, 3D printing also promises ecological benefits, as lighter jets use less fuel and emit fewer pollutants.

More details available in:  
<http://www.industryweek.com/technology/airbus-introduces-3d-printed-mini-aircraft>

# CILT International Convention 2016

CILT held their international convention in Montreal from 8<sup>th</sup> to 11<sup>th</sup> May in Fairmont Queen Elizabeth Hotel in Montreal, Canada in the presence of over 250 foreign delegates from 24 of its member countries. This year’s theme was ‘Linking North America to The World’.

CILT conducts its annual convention in a member country in rotation every year. Sri Lanka hosted the convention in June 2013, after it became a territory. CILT Chairman Capt. Lasitha Cumarathunga and WiLAT Chairperson Gayani de Alwis represented Sri Lanka, at this year’s convention in Montreal.

The international convention commenced on 8<sup>th</sup> May with WiLAT forum in parallel with YPF in session. Global Convenor Aisha Ali Ibrahim welcomed the country delegates from Hong Kong, Nigeria, Malaysia, Sri Lanka, Ghana, North America and invitees, and guest speakers for the convention. CN Vice President, Industrial Products Fiona Murray and Rail Caucus Chairperson Sherry Romanado were the guest speakers. An update and way forward on the four global strategic thrusts were presented by the respective coordinator.

Mentorship update and way forward was presented by WiLAT Chairperson Sri Lanka who is driving this initiative globally, in addition to Sri Lanka country report. Global advisor, Dr. Dorothy Chan commended the WiLATs, for their commitment and the progress made thus far, and invited all participants to the next international convention which will be held in Macau in June 2017.



Image Courtesy : <http://www.ciltinternational.org>



Image Courtesy : <http://www.ft.lk>

**CILT SL Chairman Capt. Lasitha Cumarathunga and WiLAT SL Chairperson Gayani de Alwis with CILT International President Paul Brooks at the CILT International Convention 2016**



**2016 CILT INTERNATIONAL CONVENTION**

**Linking North America to the World**

May 8-11 2016 • Fairmont Queen Elizabeth Hotel • Montreal

Main CILT convention commenced on the 9<sup>th</sup>, with Honorary President of the convention and President of Port of Montreal Sylvia Vachon, and CILT International President Paul Brooks welcoming the gathering to North America. This conference was held in North America after a lapse of 13 years. North America outlook conference was held on the last day with speakers from across the globe addressing topics such as technology and innovation trends, impacts of NAFTA and TPP trade agreements for air, sea and land transportation, Belt and Road initiative of China, transport planning and training.

The delegates also had the opportunity to take part in an interactive session on the institute’s future strategy, led by International President Paul Brooks and Secretary General Keith Newton. The convention in Montreal was a success with global training directory and member directory being launched for global roll out.

Next International Convention

**Macau from 11<sup>th</sup> – 14<sup>th</sup> June 2017**



Image Courtesy : www.google.com

# The Future is Here....

Thanks to the rapid developments in science and technology, we are getting closer and closer to a utopian future with flying cars and settlements in Mars. One small step towards this future is the driverless car, which caused so much buzz in the internet. But following a series of crashes, one of which was fatal, people are starting to doubt if the future is really what big companies promised us it would be.

An autonomous, or driverless, car is a vehicle that is capable of sensing its environment and navigating without human input. Although experiments have been conducted since 1920s, the first self-sufficient and truly autonomous cars appeared in the 1980s. Since then, several major companies and research organizations have developed working prototype autonomous vehicles: Tesla's Autopilot and Google self-driving car being the most advanced.

## “ Fully Autonomous Teslas to be Ready by 2018 ”

Tesla Motors rolled-out new versions of their software in mid-October, 2015 that includes autopilot capabilities. The first known fatal accident of a Tesla while in Autopilot mode, took place in Williston, Florida on 7<sup>th</sup> May 2016. According to Tesla Motors, as reported in their blog post, “neither autopilot nor the driver noticed the white side of the tractor-trailer against a brightly lit sky, so the brake was not applied.”

Many reporters are quick to point fingers at Tesla, criticizing its aggressive deployment of the new version and even accusing the company of false advertising. Tesla denies these,

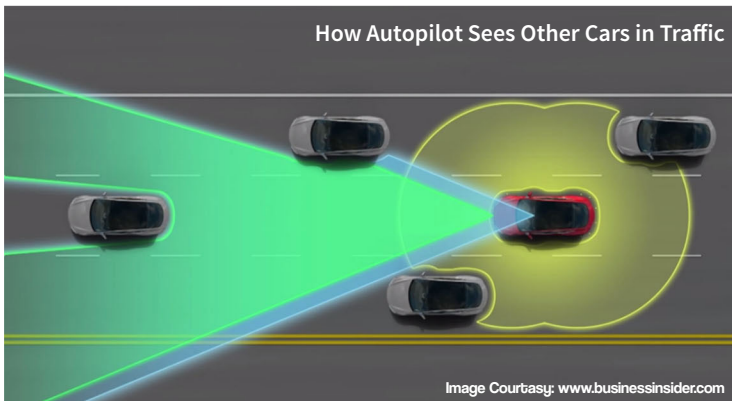
claiming that its press releases had stated that the driver “is still responsible for, and ultimately in control of, the car.” Tesla also defended the safety record of the system, writing that “130 million miles have been driven on Autopilot, with one confirmed fatality.” Despite this negative publicity, Tesla's founder Elon Musk expects Fully Autonomous Teslas to be Ready by 2018.

In the race with Tesla's Autopilot is Google X, who has been experimenting since 2005 with its own, more-advanced version of a driver-less car, one with neither a steering wheel, nor pedals. The company is in no hurry to release its product, and plans to make the cars available to public by 2020.

Image Courtesy : <https://slwsj.net/public/resources/images>

### - Interior of Tesla Model S -

See more: [https://www.youtube.com/watch?v=9hVd\\_ABhNBA](https://www.youtube.com/watch?v=9hVd_ABhNBA)



Although Google's self-driving cars have had better luck than Tesla's Autopilot, it is not without accidents. In February, a Google self-driving car attempting to avoid sandbags blocking its path, collided with a bus. Google addressed the crash, saying "In this case, we clearly bear some responsibility, because if our car hadn't moved there wouldn't have been a collision."

Other leading automobile manufacturers are not far behind in the race. Jaguar Land Rover plans to create a fleet of more than 100 driverless vehicles that will be tested on motorways. German premium automakers like Audi, BMW and Porsche are admittedly about 6 years behind Tesla, with their first electric vehicles coming to market starting in 2018. Toyota is starting to overcome its long-standing reluctance with respect to autonomous driving and plans to bring the first autonomous models to the market by 2020. Meanwhile, experts predict that driverless cars will be in use all around the world by 2025, and Uber CEO has tweeted that he expects its fleet to be driverless by 2030.

The question we should be asking today is whether the world is ready for a driverless car. In one hand, driverless doesn't mean accident-free; even if the manufacturers built the car 100% error-free, there is still a risk of accidents caused by other drivers, pedestrians and also environmental factors. Further legislations in many nations will have to be changed to allow the use of robotic cars. So we cannot wait patiently for the future to come to us, we need to ready ourselves to embrace it as well.



BMW presents the 'Vision Next 100' concept car during the 100th anniversary celebrations in Munich, Germany in 2016

# THE Transport Giants

*Dr. Lalithasiri Gunaruwan*

*When attention is drawn to land transportation, Rail transportation is a key component that cannot be overlooked. A professional in the field of Rail Transportation in Sri Lanka whose name goes hand in hand with this topic is Dr Lalithasiri Gunaruwan. He is a professional in Transport Planning and Economics, Ex General Manager Railway (2007-2009), Ex Board Member of the SLTB (1997-2001, and again in 2005-2006), and former Secretary to the Ministry of Transport separately in 2010 and 2015. He is currently a senior lecturer at the University of Colombo, who is educating and mentoring the next generation of leaders of our Nation. Hence, we took it upon ourselves to dive into the topic of "Rail Transportation" via this expert to highlight the major issues pertinent to Rail Transportation in Sri Lanka.*

## What are the major issues faced by the Railway Industry in Sri Lanka?

It is difficult to say because we have both problems and strengths. Starting from available resources right up to policies, there are a series of problems. If you talk about the major issue, it is the finances. Government is not allocating enough money for the Railway and what is voted is also not the right investments. The projects are very expensive, for where you can spend one rupee, you end up paying ten rupees. These are mostly financed through bilateral credit without any competitive bidding, with just one supplier or limited suppliers of the lender country. There you have no competitive advantage. Therefore, there are no comparative gains where you lose at the procurement level and also the technology level.

The other major problem is the policy issue. The Railway is not treated in the same platform as Road. The government and the general public look up at the railways as an unwanted thing. The right policy preference and the right place not given to the rail transport, whereas other modes of transport are being favored, and that is wrong. The Railway should be the favored mode, but here our policy is favoring the road. Professionals had been continuously shouting on this implicit road favoring policy, including the pioneers of transport policy in Sri Lanka such as John Diandas. Therefore, we need to go away from "Cars First Policy" to "Public Transport First Policy" and "Rail First Policy" which are yet to be implemented in this country. For the road user; the road, regulations, police controller and the bridges are given for free, whereas for the railway; the tracks, bridges, tunnels, railway crossings should be paid by the Railways. If the Railways is to earn and meet the cost, it cannot compete with the other transport modes. If it does not, cash deficits would result, and the SLR would continue to earn the name "monster".

These policy issues are problematic and these need to be sorted out. Without solving these primary issues of the railway system, however much you invest into the system, the investment might not give or reduce the desired results.

## Is there a scope for development for the Railways? How can this be addressed?

Definitely there is a scope for development. For this purpose, we need to have a progressive policy, proper administration, management autonomy and flexibility, so that the Railways will be geared to an efficient way of progressing.

People should also be encouraged to use Railway facilities. The Railways has to expand its capacity, upgrade its technology, and have more funds voted for this kind of technology. Also the competition by the policy must be fair. Without all these parameters coming in, you can't expect any progress. If not, the outcome is going to be weaker and weaker railways, weaker and weaker public transport, and more and more people going for private vehicles which will ultimately adversely effect on the congestion in the country. With that congestion, the government will do more roads and other developments with very high expenditure which will ultimately be borne by the general public. Therefore, developing the railway system is of outmost importance.

## What is your opinion about the freight transportation by Rail?

I believe that Railway Freight Transportation system needs to be upgraded. At least to start off with government transportation, such as petroleum of which only 40% is transported by the Railways. What about the other 60%? Why can't we transport bulk by the Railways? Only 1% of freight is transported by the Railways. The mode built by the British people was essentially for freight transport but now we are down to 1% and we need to immediately look down to this. There are certain inherent issues faced by the Railways because the country isn't large enough to



have sufficient distances. Another major issue is double handling. From the point of loading you have to take the cargo in a truck because you can't locate the factories or the supply sights next to a railway line. Therefore the process includes loading to a truck, unloading it at the railway station, loading it back again, taking it by the rail, unloading it again, loading it again to the trucker and taking it to the doorstep. This is what we call the double handling. This is an additional cost. This is minimized in other countries because longer the distance, higher the economies of scale. On top of this inherent problem there is this policy mismatch where people are charged for the use of railway infrastructure. Therefore, both burdens coming on to the Railways make it difficult to market freight transportation.

### **Do you see great potential if Hambantota and Colombo Ports are connected through Rail?**

It is difficult for me to visualize a situation where freight would be transported from one port to the other by rail. This is because it is likely to be more economical to directly load from or unload at the desired port, may that be Hambantota or Colombo. However, it is important that all the ports have railway access directly to quays, which will facilitate ship to wagon or wagon to ship transfer without a truck intermediary within the ports. In fact, we had rail connectivity in the past to all three major ports in Sri Lanka, namely Colombo, Galle and Trincomalee. Those infrastructures got abandoned since of late. Newly developed terminals in Colombo port are with no rail access, which is pathetic.

### **Where should the railway transportation be in another 10 years, according to your perception?**

Where it should be is more network expansion and more lines at least in the congested areas, sustained government policies, more technological advances and more freight transportation. The Railway Department and the Ministry of Transport started on these. The railway development was initiated and we were focusing on having new lines to Sapugaskanda and extend it to Awissawella in the Northern Bank of Kelani River. Then establish a new container depot to transport inbound and outbound containers by rail transport, while reducing road congestion in the Colombo city. We proposed a new line to Battaramulla, and it also started expanding the double tracking of coastal areas and these are still in progress. Likewise the urban and rural infrastructure and transport development was in place. There is a lot of foreign involvement in the constructions of railways which I think is wrong. The expenditures are much higher, we are

losing the local employment opportunities and we are accumulating all debts. Therefore the people lose the feeling of belongingness. If you do it with your blood and sweat, you feel it's yours. We should also focus on increasing the freight transportation by the Railways. Further the Railways is to see electrified trains in Colombo without any delays and hazards. Faster and more accessible trains which will be attractive for the general public. Ultimately railway system being evolved to the modern day needs.

### **What message do you have to convey to people regarding railway transportation?**

People in this country are indebted to the Railways and the CTB, because the country's socio economic development that we are up to today, which people didn't speak of is because of the public transportation network in this country. People give credit to free education, and free health care for the country's welfare norms. Our country's welfare norms are unparalleled in the world. Sri Lanka being a poor country is achieving very high social indices. How is this possible, having a very low per capita income, 90 percent literacy and very low infant or maternal mortality rate. A significant share of people living in the rural areas are educated. People give credit to the free education and free healthcare. But if not for the CTB and the Railways, how any of this would have been possible? I am one of those; who benefited from free education, free healthcare and connectivity of the public transport which made all that possible. In this country the service contribution made by the Railways and CTB had done a vast service to the socio economic development of this country. Unfortunately, that contribution is not recognized by the very people who were benefitted by them and who are now criticizing saying that these are a waste of money, which is wrong. There are inefficiencies, but what we need to understand is that these can be reduced by adhering to proper policies. What we should realize is that we are here today or rather the country is here today thanks to the public transport giants in this country. We need to bring these establishments to the right position technologically, managerially and institutionally to face the future challenges. That would only be possible if people have the right vision and right perspective regarding those organizations and not just looking down and condemning these organizations. So I urge the policy makers, the industrialists and the general public to have a positive outlook and support these organizations. These are national assets and have a lot of strength and if we rightly place those, we will carry ourselves to the right destination.

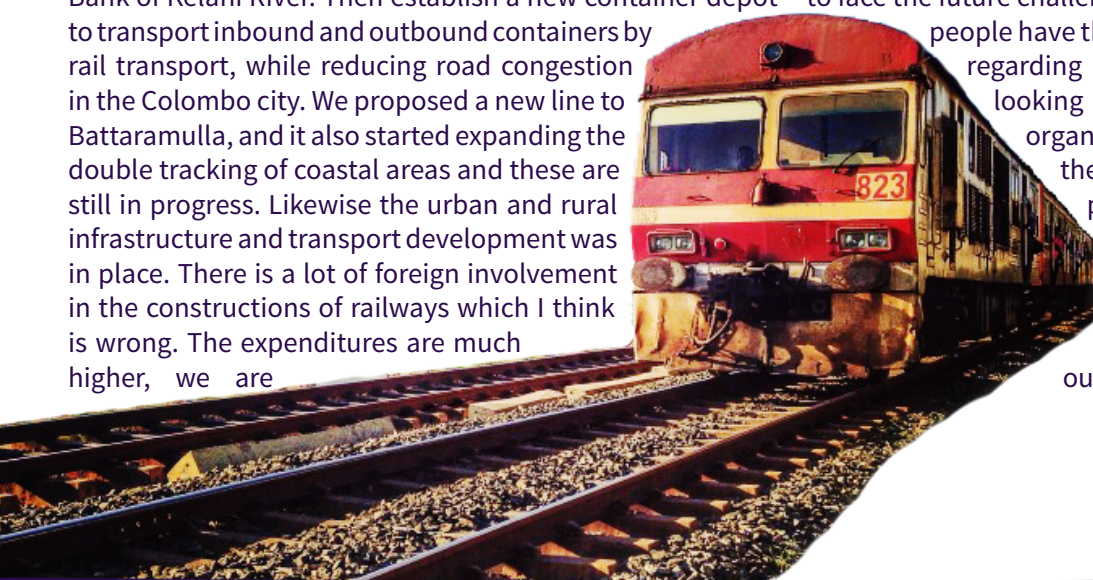




Image Courtesy: www.dailymirror.lk

## Ceylon Shipping Corporation (CSC) advertises tender bidding for Coal Lightering

CSC has called for bids for coal lightering at the Puttalam anchorage to the Lakvijaya Coal Power Station. The total volume of coal to be lightered under the scheduled contract is approx. 2,200,000 MT. The newly built and delivered CSC vessels, MV Ceylon Breeze and MV Ceylon Princess are expected to be deployed to carry the coal quantities along with other chartered vessels of CSC up to the outer anchorage, from which the coal will then be lightered.



Image Courtesy: www.economynext.com

## Japanese loan to fund Colombo Light Rail Project

The Government of Japanese is planning to provide a soft loan for the construction of a light rail network in Colombo. The loan would be used towards the initial 25km of elevated alignment. Longer-term plans envisage a mix of elevated and at-grade sections covering 75km route. There would be three routes in the central business district of Colombo, and a further four lines extending to the suburbs of Kollupitiya, Bambalapitiya, Borella, Maradana, Rajagiriya, Battaramulla and Malabe. Hitachi and Taisei have reportedly expressed interest in the project. The lines are to be built to support the development of the urban agglomeration centred on Colombo and taking in the Gampaha and Kalutara districts.

# Around the Island



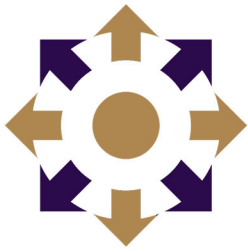
Image Courtesy: www.static.panoramio.com

## Port of Colombo improves efficiency

The Port of Colombo is being converted to a state of the art maritime facility to obtain more profits and additional shipping lines. The Minister of Shipping stated that the Jaya Container Terminal (JCT) has shown good financial progress over the previous year, accounting for 41% of the Colombo Port's operations. SAGT and CICT accounted to 27% and 32% respectively. The gross Crane Productivity has improved 17% as against the previous year. The Minister further mentioned that the JCT's idle time has reduced from 165 minutes a day from 2015 to 95 minutes so far in 2016 showing the change of mindset in the work force.



Image Courtesy: upload.wikimedia.org



THE CHARTERED INSTITUTE OF LOGISTICS & TRANSPORT

# YOUNG PROFESSIONALS' FORUM

SRI LANKA

of the Institute in order to develop their skills and to provide the youth with a platform to voice their concerns and demonstrate their abilities in par with international colleagues of the institute. Further YPF Sri Lanka aims to enhance member engagement through the provision of opportunities for career development, knowledge sharing and networking among peers in the same industry.



Young Professionals' Forum of the Chartered Institute of Logistics & Transport – Sri Lanka (CILT YPF – Sri Lanka) is the country's leading youth movement that gathers together professionals and students in the fields of aviation, maritime transport, land transport and supply chain management.

Established in 2012, YPF- Sri Lanka focuses on inculcating the prime objectives of CILT Sri Lanka. The promotion and inspiration of art and science of logistics and transport, especially among the young members

YPF-Sri Lanka comprises a dynamic member base covering over 500 industry professionals and students beneath the age threshold of 35 years. Since its inception in 2012 the forum has been engaged in numerous projects to achieve this vision in collaboration with its supervising body, making YPF Sri Lanka one of the fastest growing & active YPFs within CILT International.

Membership is open to all interested students and professionals under the age of 35. Please contact [ypf@ciltsl.com](mailto:ypf@ciltsl.com) for further details.

# YOUTH CORNER

CILT Young Professionals' Forum Sri Lanka



## YPF OFFICE BEARERS (2016/17)

- Ramindu Liyanage**  
Chairman
- Chandima Senevirathne**  
Vice Chairperson  
Membership
- Biman Hettiarachchi**  
Vice Chairperson  
Branding
- Hiroshani Fernando**  
Secretary
- Imasha Gayathri**  
Treasurer

**Seated (From Left to Right):** Hiroshi Fernando (Secretary), Chandima Senevirathne (Vice Chairperson – Membership), Ramindu Liyanage (Chairman), Biman Hettiarachchi (Vice Chairperson – Branding), Imasha Gayathri (Treasurer).

**Standing Row 1 (From Left to Right):** Praveen Kumarasinghe (Student Representative – UoM), Sachini Weerasekara, Yasoda Gamage, Manuri Rodrigo, Jayani Sudusinghe, Himashani Rajapaksha, Dilumi Rajakaruna (Student Representative – KDU), Mareena Fernando, Hiru Samaraweera, Pasindu Pathirana

**Standing Row 2 (From Left to Right):** Oshad De Silva, Ishan Jayawardena (Student Representative – CINEC), Dilshan Pasindu Weerasinghe, Kasun Harshana Perera, Pasindu Dushantha, Lakshan Ratnayake, Hemal Ranadeera, Kasun Rosa, Chathura Wijenayaka.

# Stronger Together

# CILT YPF Quiz Master 2016

One of the flagship events of CILT Young Professionals' Forum, "CILT YPF Quiz Master" was held consecutively for the second time in the Main Auditorium of Sri Lanka Foundation Institute on 5<sup>th</sup> April 2016, under the leadership of Hemal Ranadeera, the Project Chairperson of the event.

CILT YPF Quiz Master 2016 was a great success this time, with the participation of 39 energetic teams representing both corporate sector and academic institutions, competing for the CILT YPF Quiz Master Crown. Team GAC from GAC Shipping Ltd won the title after a thrilling competition,



THE CHARTERED INSTITUTE OF LOGISTICS & TRANSPORT  
**TRANSPORT & LOGISTICS**

# QUIZ MASTER

while Team SAGT X from the South Asia Gateway Terminal (Pvt) Ltd became the 1<sup>st</sup> Runner - up and Team Dialog from Dialog Axiata won the 2<sup>nd</sup> Runner - up.

CILT YPF Quiz Master aims to provide a platform to develop the knowledge and awareness of the participants in the broad area of international trade, logistics & transport. The table quiz tests the contestants on their knowledge of the relevant subject areas and how much they could recall within the limited time period. Being a team contest, it encouraged team work and team spirit among the participants.

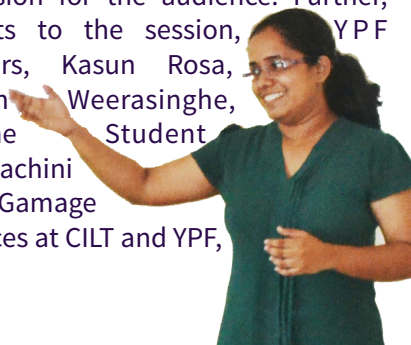


## CILT and YPF Awareness Programs

University of Moratuwa  
CINEC Maritime Campus

CILT Young Professionals' Forum - Sri Lanka successfully conducted the inaugural CILT and YPF Awareness Program on 05<sup>th</sup> May 2016 for the Level 01 and Level 02 students of the Department of Transport and Logistics Management, University of Moratuwa with the aim of making the student members aware of the forum and the benefits available by becoming a member of CILT Sri Lanka.

Jayani Sudusinghe, the Project Chairperson of the CILT and YPF Awareness Program conducted the presentation while Biman Hettiarachchi, Vice Chairperson - Branding of CILT YPF Sri Lanka made the clarifications further on YPF events, history and the opportunities available for students in CILT and YPF. Dr. Pradeepa Jayaratne, Vice Chairperson of CILT Sri Lanka further elaborated on the membership categories and the value of being a part of CILT, which was an eye opening session for the audience. Further, adding valuable thoughts to the session, YPF Core-Committee members, Kasun Rosa, Kasun Harshana, Dilshan Weerasinghe, Praveen Kumarasinghe (the Student Representative of UoM), Sachini Weerasekara and Yasoda Gamage also shared their experiences at CILT and YPF, with the audience.



The second chapter of this project was launched on 13<sup>th</sup> June 2016 for the students of the Department of Logistics and Transport, CINEC Maritime Campus, Malabe.

Dilshan Weerasinghe conducted this event with the support of Oshad De Silva and Ishan Jayawardene (Student Representative of CINEC), while Ramindu Liyanage - Chairman of CILT YPF Sri Lanka and Ramesh Ratnayake participated in the event guiding the team.

These events concluded successfully with a very positive feedback from the students of both the institutes

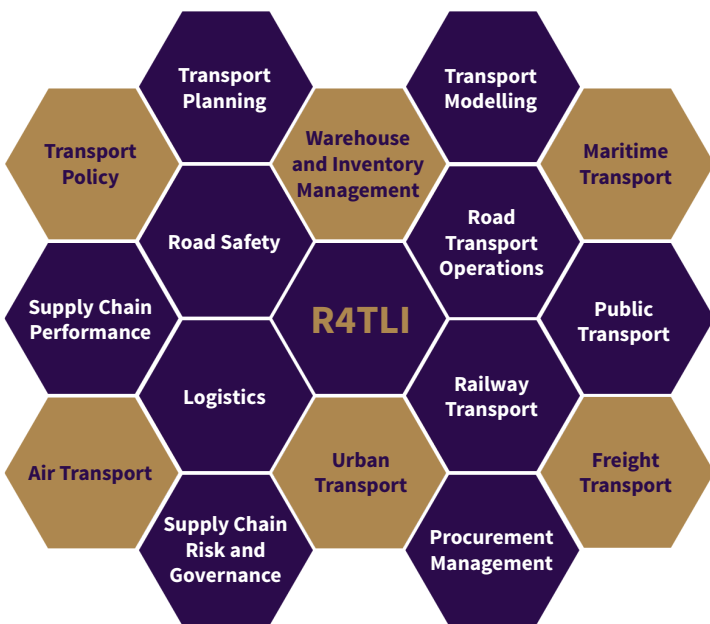


**Dr. Pradeepa Jayaratne**  
Vice Chairperson | CILT Sri Lanka

# Academics Joining Hands with the Industry: R4TLI



CILT Sri Lanka in partnership with Sri Lanka Society of Transport and Logistics (SLSTL) held a joint research symposium in June 2016 titled Research for Transport and Logistics Industry (R4TLI). This is the first time, a research symposium was organised in this magnitude for the transport and logistics industry with the collaboration among two leading professional bodies in the field. The objective of the R4TLI was to promote research thinking into industry problems and to make the industry and policy makers adopt these solutions to resolve the existing gaps and to explore new areas. The event was a great success with over 170 representatives from the industry, academia and government sector as well as from overseas attending the symposium. Research presentations covered sixteen areas of the sector which made the symposium quite unique.



**“ R4TLI is surely the most effective link between the Transport & Logistics Industry (TLI) and Research ”**

**Mr. Lalith Edirisinghe, CMILT**  
CILT Council Member

Symposium organisers received an overwhelming response from the young researchers for the call for papers and out of the 60 abstracts received, 46 were selected to be included in the proceedings. The first day of the symposium was held at the Kingsbury hotel and had three keynote speakers, Prof Tetsuo Yai, President of Eastern Asia Society of Transportation Studies (EASTS), Dr Tilak Siyambalapatiya, Energy Consultant and Mr Gayan Fernando, Head of Safety Lafarge Holcim Sri Lanka. The second day symposium was held at Galadari hotel where 46 presenters from different sectors and one invited speaker Prof Okamoto of University of Tsukuba, Japan presented their papers at the symposium. This event was sponsored by Walkers CML.

**“CILT joined hands with the SLSTL for the research symposium to outlay the platform to display the theoretically carried out researches into a competitive environment.”**



**Mr. Chaminda Perera, CMILT**  
CILT SL Vice Chairperson

Chairman of CILT Sri Lanka Capt Lasitha Cumaratunga commended the joint organising committee comprising of members from CILT SL and SLSTL for taking the lead to foster a culture of research and development within our industry in Sri Lanka by organising this research symposium. Chairman of the Joint Organising Committee, Professor Amal Kumaraage said at his

**“ R4TLI was a long awaited forum to deepen research experience for students at different levels of research exposure ”**



**Dr. Ganga Samarasekara, CMILT**  
CILT Council Member

inauguration speech that the research for transport and logistics industry came from a growing understanding of the gap that exists between the practice and research of transport and logistics in many developing countries.

Research symposium received wide appreciation from many who were present on the occasion, encouraging the organisers to make this an annual event of the calendar for the logistics industry.



“ The various research topics presented were of appropriate relevance to the industry at large and of a high standard as validated by the judging panel ”

Mr. Ted Muttiah, FCILT  
Chief Commercial Officer, SAGT

## R4TLI 2016: Winners

	Title	Authors	Authors	Authors
Best Student Research	Application of Applying Agent Based Modelling to Explore the Complexity of Public Recreational places: Case study: Weras Ganga Public Park, Sri Lanka	Sonali Herath	Chathura De Silva	
Best Research	An assessment of mobile network big data based insights for transport planning in Sri Lanka	MKDT Maldeniya	Sriganesh Loganathan	Amal S Kumarage
Best Research in Ports & Shipping	Evaluation of Container Exchange between Carriers: A case study	Lalith Edirisinghe	Jin Zhihong	
Best Research in Transport Planning & Policy	Developing a Fare Index for Para Transit (The Case of Urban Three Wheeler Taxi service in Sri Lanka)	KAPM Kevitiyagala	YMMS Bandara	
Best Research in Supply Chain Management	Assessing the Impact of Outsourcing and Internationalization over the Upstream Supply Chains of Apparel Industry	Inshi Perera	Pradeepa Jayaratne	
Best Research in Freight Forwarding & Logistics	Application of GPS Vehicle Tracking Technology in Supply Chains of Sri Lanka	Rusirini Fernando	Nishal A. Samarasekera	
Best Research in Urban Transport & Road Safety	Strategic interventions for improving transportation in Kandy City	Janaka Weerawardena	Amal S Kumarage	IMS Sathyaprasad



“ R4TLI provided a great opportunity for all young undergraduate researches to showcase their talents where they are often giving up the idea of presenting their unique conceptual frameworks in international conferences due to the financial circumstances ”

Ms. Inshi Perera  
Research Paper Award Winner

“ The R4TLI is a novel concept to Sri Lanka and it is really is important to motivate internal teams within companies to adopt a structured approach towards addressing innovation and new product development ”



Mr. Leroy Ebert, MCIM  
Head of Business Development,  
Advantis 3PL Plus

Women in Logistics and Transport (WiLAT) Sri Lanka Forum is the Women's Forum of The Chartered Institute of Logistics and Transport (CILT) Sri Lanka. WiLAT Sri Lanka was inaugurated on 21<sup>st</sup> March 2013. It is one of the five pioneering fora in the WiLAT Global community.



# Women in Logistics and Transport

Our Global Convenor, who sits at the CILT International Management Committee, is responsible for the growth and development of WiLAT Internationally and for coordinating our Annual Global Conference.



Regional coordinators promote the interests of women in their region and encourage membership. Country groups work with and on behalf of women at local level, organising events, providing local support and networking opportunities, and representing women within the local CILT council.

Our vision is to be the most sought after for advocacy, professionalism and empowerment of women in Supply Chain, Logistics and Transport.

Our mission is to promote the status of women in Logistics and Transport, to bring together those who support talent and career development of women and to provide a support network and mentoring opportunities for women in the sector.

Our objective is to promote and encourage the art and science of Logistics “W” and Transport among Women.



# WiLAT CORNER Women in Logistics and Transport Sri Lanka



**SEATED FROM LEFT TO RIGHT**

Namalie Siyambalapatiya, CMILT (Regional Coordinator South Asia), Dhashma Karunaratne, MILT (Vice Chairperson), Niroza Gazzali, MILT (Vice Chairperson), Gayani de Alwis, CMILT (Chairperson), Anoma Ranasinghe, CMILT (Vice Chairperson), Priyangani Jayasundara (Secretary), Sriyamal Gamage, MILT (Treasurer), Gayathri Karunanayake, MILT.

**STANDING FROM LEFT TO RIGHT**

Gnei Zavia Miskin, CMILT, Shakkya Perera, Student, Gayara Jayasuriya, Student, Gayashika Fernando, Graduate, Maithree Attanayaka, CMILT, Vijitha weerasinghe, CMILT, Irosha Kularatna, Namali Sirisoma, CMILT, Ruchithra Yogananda, Student, Amra Zareer, MILT, Rebecca Atulugama, Nayana Padmani, MILT, Manjaree Nigamuni, Student, Yashodha Nirupamala, Student, Pradeepa Jayaratne, CMILT.

**WiLAT OFFICE BEARERS (2016/17)**

- Gayani De Alwis**  
Chairman
- Niroza Gazzali**  
Vice Chairperson  
Membership Development
- Dhashma Karunaratne**  
Vice Chairperson  
PR & Brand Building
- Anoma Ranasinghe**  
Vice Chairperson  
Membership Services/Education
- Priyangani Jayasundara**  
Secretary
- Sriyamal Gamage**  
Treasurer

**Stronger Together**

# WiLAT Celebrates 3<sup>rd</sup> Anniversary



The third anniversary of WiLAT Sri Lanka was held on the 8<sup>th</sup> of March, the 106<sup>th</sup> International Women’s Day at the Kingsbury Hotel. The theme for this year’s event was “Pledge for Parity” which was in line with the mission of United Nations to achieve gender parity by 2030.

The chairperson of WiLAT, Ms Gayani De Alwis welcomed the audience with a quotation, from GA Anderson that “Feminism is not about making women stronger. Women are already stronger. It’s about changing the way the world perceives that strength” and urged men and women to join hands with WiLAT to make a pledge to create gender diversity in the logistics and transport sector. Each year, the 8th of March provides an annual occasion to reflect on the great strides that women have made, and continue to make these great things, in the workplace and beyond. However, it is also an opportunity to reflect on the work, still to be done, if society’s true potential is ever to be fully realised and achieve parity.

Guest of Honour, Mr Romesh David, the past chairman and the International Vice President of CILT Sri Lanka, in his address, said that CILT, with its mission to promote and encourage the art and science of logistics and transport, took a giant step forward on 21<sup>st</sup> March 2013 to encourage women representation in transport and logistics industry, by launching the

WiLAT Sri Lanka. As he further elaborated the main objective of this forum is to create a platform to discuss issues, connected with the low profile of women in the industry, and to provide opportunities for their career advancement by empowering them to make the right choices in their careers and become leading professionals in the industry. He also mentioned the importance of male supporters towards achieving gender parity, by highlighting the UN initiative on ‘He for She’ and urged men to act as change agents and support this cause.

The key note speaker, Ms Nelun Gunasekera, Social and Gender Development Specialist, ADB said that achieving gender equality requires the engagement of women and men, girls and boys and it is everyone’s responsibility. Quoting from UN Secretary General Ban Ki Moon, she said that women hold up more than half the sky and represent much of the world’s unrealized potential. They are the educators. They raise the children. They hold families together and increasingly drive economies. They are natural leaders. We need their full engagement in government, business and civil society.

The audience was entertained by a dance troupe, a spot quiz and a unique live puppet show in line with the theme by Power of Play crew depicting the issues that women face in the society. In addition to all this, WiLAT partnered with Earth hour Sri Lanka to raise their voice for climate action to promote sustainable life style and best practices in the industry they operate.

WiLAT ended the celebrations with the announcement of International Women’s Day five point pledge to take this message forward and to symbolise this occasion, a badge was pinned to each participant by calling out every one to do their part to ensure that the future for girls are bright, safe and rewarding.



Key Note Speaker Ms Nelun Gunasekera, ADB



Puppet Show by Power of Play Crew

# WiLAT Founders Day and the Strategic Planning Workshop



WiLAT Sri Lanka forum celebrated the WiLAT Founders Day along with a mini walk with the participation of WiLAT Executive Committee and CILT International Vice President - South Asia, Romesh David at the EFL Campus to mark the occasion. WiLAT also conducted a Strategic Planning Review Workshop on 11<sup>th</sup> June at the EFL Campus along with this mini walk.

WiLAT was founded in Nigeria by the CILT on 12<sup>th</sup> June 2010 during the tenures of the late Professor Emeritus Micheal Filani, CILT Nigeria President and Professor Allan Waller then CILT International President. The WiLAT Global forum was launched on 3<sup>rd</sup> June 2013 in Colombo, when Sri Lanka hosted the CILT International Conference during the tenure of Dr Dorothy Chan as CILT International President, the first female to hold this position in CILT's 94 year history. WiLAT Sri Lanka Co-founder and Chairperson Gayani de Alwis said that it was a momentous day for WiLAT and excited to be a part of this journey. She further said that CILT's decision to launch WiLAT globally to attract females to the sector has paid rich dividends and will definitely pave the way for more females to engage and create value to this sector.

Along with this, the Chairperson of WiLAT steered the workshop for the newly elected Executive Committee. At the workshop, she shared the journey thus far and the future plans of WiLAT by aligning the actions

under the respective Vice Chairpersons. The three Vice Chairpersons Anoma Ranasinghe, Niroza Gazzali and Dhashma Karunaratne presented their strategies for Membership Services, Membership Development and Branding and Promotion respectively.

The Chairman of the CILT, Capt. Lasitha Cumaratunga and the CILT International Vice President South Asia, Romesh David also addressed the committee members at the workshop and commended WiLAT for their contribution to CILT. Furthermore, they also stressed on the need to conduct more value adding offerings to the membership in order to have a significant growth in the membership.

The Strategic Planning Workshop conducted by WiLAT enabled to pin down the three key areas with strategies, goals and objectives for Membership Services, Membership Development and Branding and Promotion with the overall goals of increasing membership, value offerings and benefits to the CILT membership platforms.



## What is this VGM ?

VGM (Verified Gross Mass) is a mandatory requirement as per the recent amendment to SOLAS VI that came into effect from 1<sup>st</sup> of July, 2016. Accordingly, the shipper is required to verify and provide the gross mass of the container to the carrier and terminal prior to being loaded onto the ship. Undoubtedly the shipper will have to incur an extra cost for the weighing, but in the long run it is expected to reduce the threat of vessels capsizing.

For more details on VGM, contact your local shipping agency.

At present 100,000 cars, 130,000 three-wheelers, 40,000 vans and 370,000 motor vehicles are put on the roads each year in Sri Lanka causing vehicular congestion. This is due to near-complete breakdown of the public transport system and killer competition between bus operators. Commuters can never predict when they will reach their destination since the buses are either racing each other during peak hours or crawling along at snail's pace at other times. As a result, the 65% of the public who used public transport in 2008 has dropped to 40% today.

The SAHASARA programme is one of the methods to bring back public transport to the attention of the public. Through this programme, the commuter is ensured of a good quality service and the entrepreneurial mindset of the bus owner and bus employee are changed. Collaterally, bus drivers and conductors become more disciplined and have no reason to resort to risky or dangerous driving. The responsibility of the bus employees is to ensure that their buses run on time, that they take in only the number of commuters that can be comfortably seated in buses and be concerned for their comfort. Such assurance of service quality ensures that those using private vehicles return to public transport for their daily commutes increasing the revenue of public bus services.

### How SAHASARA works

The commuter simply purchases a prepaid SAHASARA card in much the same way a prepaid mobile phone card is purchased. Once the commuter boards the bus a ticket can be purchased using this card and the card is debited the amount of the fare. Later, a commuter is free to reload the card to any amount. Purchasing and reloading their cards can be done at the same outlets that supply services for their mobile phones or a bus conductor or the bus stand. At the end of the day, the conductor simply reloads his own card with cash obtained from passengers, who didn't have one. All those funds are credited to a common fund of the route's bus operators. Each passenger's commute is automatically registered through communications technology at the control centre for each transport

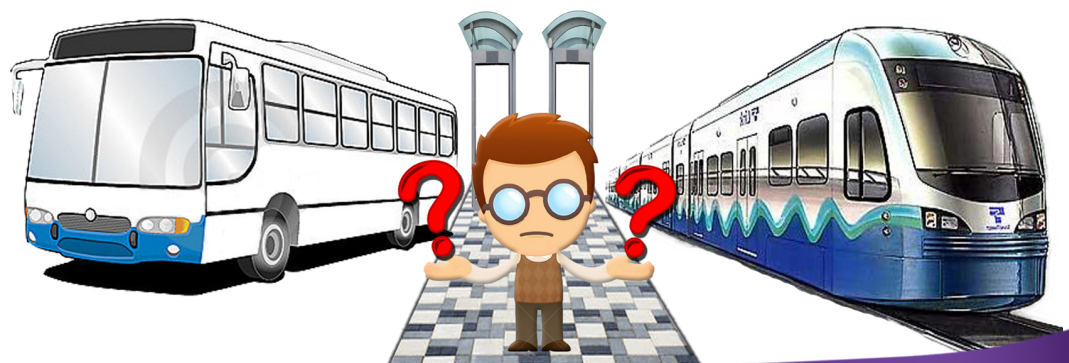


zone where there is an operations room dedicated to its oversight. Each has a control committee and an auditor who checks operations on a weekly basis and these reports will be available to the public. Additionally, an advisory board comprising of bus owners, SLTB officials, support service representatives and sector experts will provide oversight, monitoring and guidance to each zonal system. Especially, necessary technical support for the operation and expertise in the field are provided by the Department of Transport & Logistics Management, University of Moratuwa.

The pilot of the SAHASARA programme was launched recently and has been already implemented on the Kandy-Kadugannawa and Kandy-Digana routes as well as their feeder routes. The Kandy-Pilimalawa-Kadugannawa route is known as the Denuwara zone and the Kandy-Kundasale-Digana route is known as the Dumbara zone and encompass a total of 300 buses. Additionally, buses from four SLTB depots also ply these routes. All of these buses are slated to be connected through a two-stage strategy. The pilot will terminate in three months and checks and balances implemented based on the practical outcomes of the system. Subsequently, the government plans to implement the system across the country within the course of this year.

See more at: <http://www.dailymirror.lk/113961/SAHASARA-A-cost-free-solution-to-the-national-transport-problem?fbrefresh=refresh&sthash.9CuJZ2YS.mjjo#sthash.9CuJZ2YS.prrMvf4f.dpuf>

## CARTOON





## Hyundai to Join 2M

South Korea-based shipping line Hyundai Merchant Marine has signed a memorandum of understanding with 2M carriers to become a member of their Vessel Sharing Agreement. Upon finalisation, Hyundai will be able to provide joint service from April next year. The 2M carriers will benefit by a service competency in Asia and improved network cover in the trans-pacific area, while Hyundai can boost its service offerings and improve cost effectiveness. 2M currently owns 28.5% of world's container market share.

Read more on the topic on: <http://www.supplychaindigital.com/logistics/4367/Hyundai-Merchant-Marine-to-join-2M-Vessel-Sharing-Agreement>

## World's First Electric Highway

The world's first electric road, a product of the combined effort of public and private sector of Sweden, was inaugurated near Gävle, Sweden. Scania is supplying with the electrically-powered trucks, which will operate under real traffic conditions along the 2km strip. The new technology permits trucks to operate as electric vehicles when on the electrified road and as regular hybrid vehicles at other times.

Read more on this from: <https://www.scania.com/group/en/worlds-first-electric-road-opens-in-sweden/>



## Unilever Ranked 1 in Gartner Supply Chain Top 25 for 2016

Gartner, Inc. has released the findings from its annual "Supply Chain Top 25", identifying supply chain leaders and highlighting their best practices, for the 12<sup>th</sup> consecutive year. Unilever topped the ranking this time, followed by McDonald's, Amazon, Intel and H&M. Meanwhile Apple and P&G continued to qualify for the Masters category, which recognizes sustained supply chain leadership over the last 10 years. CSR is one of three standout trends highlighted for supply chain leaders in 2016, along with customer driven partner integration and adoption of advanced analytics.

For more details, please visit Gartner Newsroom: <http://www.gartner.com/newsroom/id/3323617>



# Future Events



The Chartered Institute of Logistics and Transport

L. S. de Silva Memorial Lecture – 2016  
To be held in September

CILT International Conference – 2016  
09<sup>th</sup> November 2016, The Balmoral of The Kingsbury, Colombo | Flagship event of CILT Sri Lanka



Women in Logistics and Transport

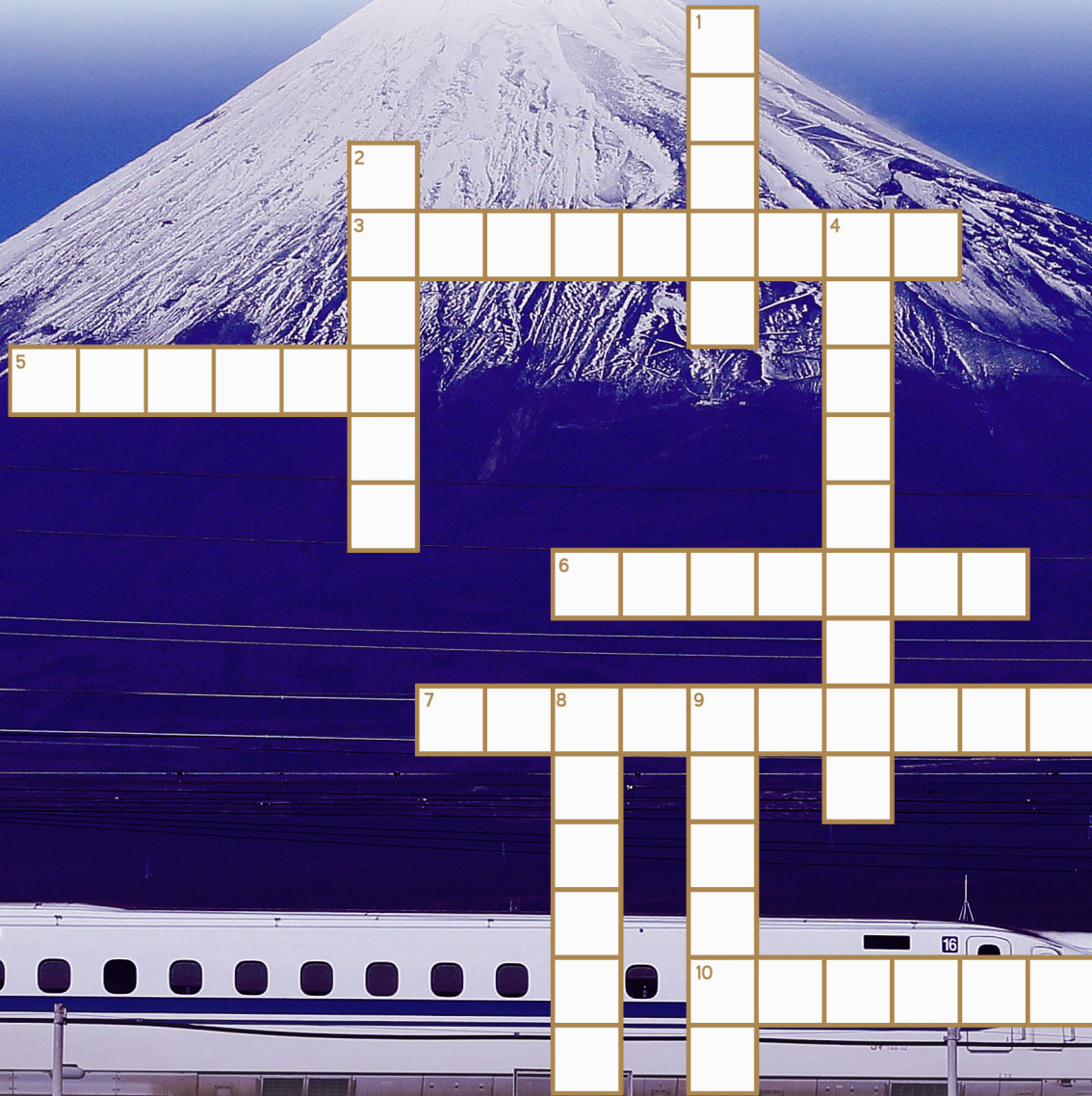
WILAT SL Walk – 2016  
24<sup>th</sup> September 2016



THE CHARTERED INSTITUTE OF LOGISTICS & TRANSPORT  
YOUNG PROFESSIONALS' FORUM  
SRI LANKA

CILT Young Professionals' Challenge – 2016  
November 2016

# Puzzle Wiz



## Across

- 3. This country operates the world’s first solar bus, known as ‘Tindo’. It uses 100% solar power and can carry up to 40 people.
- 5. The first BRT was implemented in this country in 1974.
- 6. A mode of non- motorised transport.
- 7. A powered railway vehicle use for pulling trains.
- 10. Rail was introduced in Sri Lanka in 1864 to transport this commodity from plantations in the hill country.

## Down

- 1. This country funds in the current LRT project on the Colombo/Malabe corridor.
- 2. Fastest train in the world, also known as bullet train.
- 4. Long haul trains.
- 8. World’s first solar powered airport.
- 9. World’s most congested city. The congestion level is 59% (extra travel time).

# CILT The Chartered Institute of Logistics and Transport Sri Lanka Corporate Partners

## Exclusive Strategic Partners



Transportation and logistics Partner



Transport Asset Partner



Corporate Partner for WILAT Sri Lanka



Port Terminal Partner



සමපත් බැංකුව  
சம்பத் வங்கி  
SampathBank

Banking Partner

## Corporate Partners

