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August 2021 | SWISS-THAI CHAMBER OF COMMERCE | E-NEWSLETTER #133

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TOP NEWS:

- Economy:** Executive Summary - Thailand Economic Monitor 2021 "The Road to Recovery"
- STCC Internal News:** Obituary Paul Somm / Solar Powered E-Longtail Boat
- New Members:** Jardine Schindler (Thai) / Roche Diagnostics
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STCC EXECUTIVE DIRECTOR'S MESSAGE

DEAR MEMBERS OF THE STCC, DEAR READER,

It gives me great pleasure to share with you in this opening message of our newsletter two major achievements of the Chamber, marked by the visit of Federal Councillor Ignazio Cassis to Thailand from 1-3 August and some other updates on our chamber operations.

Inauguration of the STCC Office on the Embassy Compound

During his state visit to Thailand, H.E. Federal Councillor Ignazio Cassis, together with Dr Niti

Meyer, Director of the STCC, inaugurated the STCC's new office on the premises of the Swiss Embassy. A Lignum Vitae tree was planted next to the office pavilion, symbolising the already strong ties between the Embassy and the STCC and the future growth potential of this long-standing relationship. This exclusive office space will allow us to directly represent our members on the compound of the Embassy on all economic related matters.



SERVICE

MEMBER DETAIL UPDATES

Do you have changes among your delegates or changes to your e-mail, mobile, telephone, or fax numbers?

Please send all updates to secretary@swissthai.com



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Our special thanks go to the office sponsors who made this possible:

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We are very much looking forward to moving into the office at the end of August, when the work inside the office will be completed. Once the situation in Thailand has improved, we will invite our members to give you a chance to experience this innovative and creative office solution.

Signing of a MoU between the STCC and the ETH Zürich

In addition to the milestone described above, I am pleased to announce that after many months of discussion and planning, the STCC was able to sign a Memorandum of Understanding for an internship

programme with ETH Zürich in its role as Leading House Asia. The internship programme is aimed at students at Swiss universities, universities of applied sciences and universities of teacher education and offers internships in STCC member companies in Thailand.

The signing ceremony was witnessed by H.E. Federal Councillor Ignazio Cassis, H.E. Ambassador Helene Budliger Artieda and Mr. Bijay Singh, Global Head of Business Unit Healthcare at DKSH. DKSH, one of our founding members, will be the first STCC member to host interns from Switzerland under this newly launched programme, and we hope to welcome the first participants later this year.

New Events & Marketing Trainee at the STCC

Moving on to updates on our chamber's operation. On 1

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STCC EXECUTIVE DIRECTOR'S MESSAGE

August, we have added a new member to the STCC team. Mr. Tanapat Prompat, is our new Event & Marketing Trainee for the next 6 months. You will find his personal letter of introduction on the following pages of the newsletter.

Member for Member Benefit Programme

Even though we were not able to hold physical events and do networking in the last few months our chamber decided to bring additional benefits to our members. Therefore, it is my great pleasure to inform you that we are currently working on a Member for Member Benefit Programme. Such a programme is a first for our Chamber and we hope that many

of you will share your offers and products at special rates with your fellow Chamber members. This will increase your brand awareness and provide you with a direct sales channel to the Swiss-Thai business community and directly promoting your business. At the current stage this product and service placement is free of charge and is foreseen to be published at the end of August/Early September via our various communication channels.

If you or your company is interested to make use of this opportunity, please send an e-mail to execdirector@swissthai.com with the following information:

1. Company Name
2. Exclusive Offer
3. Validity Period (if applicable)

4. Website
5. Your Logo (min. 200x200px)
6. Contact Person

In conclusion, my goal is to continue to increase the value of your membership in our Chamber and to place the interests of our members firmly at the centre of our daily work. Only together can we overcome the current crisis that is affecting the world on a scale never before experienced in our history. Therefore, please contact us if you need assistance in economic matters and we will do our utmost to help you.

David Stauffacher
Executive Director
execdirector@swissthai.com
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STCC Events

All upcoming Events can be seen on our [Webpage](#)

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EXECUTIVE SUMMARY - THAILAND ECONOMIC MONITOR 2021 "THE ROAD TO RECOVERY"

World Bank Group. 2021. Thailand Economic Monitor: -.

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Recent Developments

Successive waves of COVID-19 disrupted the Thai economy in the first half of 2021, but their impact was mitigated by recovering global demand and substantial fiscal support. After a second wave of COVID-19 infections began in late 2020, the government strengthened public health and social distancing measures to contain the renewed spread of the virus. The shock of the second wave caused the economy to contract by -2.6 percent, year-on-year (yoy), in Q1 2021, following a 6.1 percent drop in GDP in 2020 which was one of the steepest contractions among Association of Southeast Asian Nations (ASEAN) member states. While private investment and manufacturing production recovered to near pre-COVID levels in the first quarter of 2021, weakness in the services and agricultural sector persisted. A third wave of infections that emerged in April 2021 has proven especially severe, and the number of cases surged to over 3,000 per day in May-June 2021. Strict containment measures have reduced mobility and negatively affected consumption and business sentiment. Activity in the tourism sector has remained negligible, and the outlook is clouded by the ongoing impact of COVID-19 across the region, the emergence of new variants, and slow progress on vaccination. However, rebounding goods exports have provided substantial support to the Thai economy, driven by recovering global demand for automotive parts, electronics, machinery, and agricultural products. Cash transfers, public health

initiatives, economic recovery programs and other forms of fiscal support have helped shore up private demand while supporting consumption among vulnerable households and attenuating the impact of the crisis on poverty.

The current-account deficit widened further to 1.9 percent of GDP in Q1 2021, as tourism receipts remained minimal and the merchandise trade surplus narrowed. Goods exports continued to rise, supported by resurgent demand among Thailand's trading partners. Meanwhile, goods imports also expanded, driven by rising global commodity prices and growing domestic demand for intermediate inputs and capital goods imports as the economic recovery accelerated and private investment increased. The combination of a widening current-account deficit and net outflows on the capital and financial accounts have caused both the nominal and real effective exchange rates to depreciate since the end of 2020. International reserves remain ample at around 14 months of imports and four times the level of short-term external debt.

While headline inflation has picked up, core inflation has remained contained, and the Bank of Thailand has maintained the policy rate at 0.5 percent to support the recovery. The headline inflation rate rose to 3.4 percent (yoy) in April 2021, due largely to supply-side factors such as rising global oil prices and the termination of domestic utility-price subsidies. However, the core inflation rate remained low at 0.3 percent, and the surge in headline inflation is expected to be temporary due to a large negative output gap (estimated at around 9 percent of potential output) combined with well-anchored inflationary expectations.

While pockets of vulnerability persist, the Thai



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financial system remains stable overall, and the central bank continues to provide support to boost liquidity and ensure financial stability. Commercial banks maintain large capital and liquidity buffers, and the capital-adequacy ratio (i.e., the BIS ratio) of the Thai banking system remains high at 20.0 percent. Nevertheless, elevated household debt levels and weaknesses among corporates and small and medium enterprises (SMEs) continue to pose risks. The pandemic-driven slowdown in economic activity has caused immediate liquidity shortages among some firms and households, impairing their ability to service debt. Corporate and household debt levels, which were already high before the pandemic, have risen further, eroding previous deleveraging gains, and increasing financial stability risks. Driven by a decline in labor income, Thailand's aggregate household debt surged from 79.9 percent of GDP at end-2019 to 89.1 percent at end-2020, the second highest level in East Asia. Commercial banks have responded by tightening loan conditions both for households and for SMEs, reflecting persistent uncertainty around the recovery of the tourism and construction sectors. The central bank has also implemented measures to bolster financial stability and ensure that adequate liquidity is available to banks and nonfinancial corporates. To expand participation in

its SME soft-loan program, the central bank recently expanded the pool of eligible borrowers, further eased the loan terms offered, and broadened the guaranteed coverage of loans.

The central government fiscal deficit widened to 10.5 percent of GDP in the first half of FY21 due to ongoing weakness in revenue collection and elevated pandemic-response spending. As a share of GDP, the deficit in the first half of FY21 was almost double the size of the FY20 deficit, and was significantly higher than deficits in most regional comparators. Revenue declined to below 15 percent of GDP in the first half of FY21 due to slowing economic activity, the deferral of income-tax deadlines, and the granting of additional deductions. Public expenditures on pandemic-related response measures reached 2.3 percent of GDP in FY20 and 1.9 percent of GDP in the first half of FY21, which combined with the accelerated implementation of capital projects kept total public spending at relatively high levels. The deficit was financed by domestic borrowing, and the public debt stock rose to 54.3 percent of GDP in March 2021—its highest level since 2001, though still below the Fiscal Sustainability Framework ceiling of 60 percent of GDP.



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The government earmarked about 1 trillion Thai baht (THB) in public spending for economic stimulus and support to the most vulnerable households, most of which has already been disbursed. In April 2020, the government authorized THB 1 trillion (about 6 percent of GDP) in spending on cash transfers, medical response efforts, and economic and social recovery programs as the centerpiece of its fiscal response to the pandemic. By May 2021, these resources had been almost entirely allocated to specific policy measures, and over two-thirds had already been disbursed, with the remainder expected to be disbursed before the end of September 2021. Around 70 percent of the authorized COVID-19 response spending has been allocated to support households, largely through cash transfers and subsidies, with a smaller share being directed to support the recovery of the private sector. These allocations reflect the impact of the second and third waves of COVID-19, which extended both the economic shock and the need for household relief well beyond what had initially been anticipated. In May 2021, the government announced the approval of an additional THB 500 billion in borrowing, which will fund further support to households and could boost GDP by around 1.5 percentage points over the counterfactual scenario.

Simulations indicate that social protection measures have largely obviated the 1.2 percentage-point increase in poverty that would have occurred during 2020 in the absence of the government's response. While the economic shock associated with COVID-19 has adversely affected employment, incomes, and poverty indicators, these impacts have been mitigated by a comprehensive social protection response. The government has acted quickly to support vulnerable populations by expanding existing social assistance schemes and has mobilized large new emergency programs for informal workers and farmers who would have not been considered vulnerable prior the pandemic.

Outlook and Risks

Economic activity is not expected to return to its pre-pandemic levels until 2022, and the recovery is projected to be slow and uneven. The growth forecast for 2021 has been revised downward from 3.4 percent in March to 2.2 percent, reflecting the anticipated impact of the third wave of COVID-19 infections on private consumption, and the likelihood that international tourist arrivals will remain very low through the end of 2021. Thailand recorded 40 million tourist arrivals in 2019, but the expected number of tourist arrivals in 2021 has been revised sharply downward from a previous forecast of 4-5 million to just 0.6 million. Goods exports and the ongoing rollout of fiscal support measures are expected to remain important drivers of overall economic activity. The recovery is expected to accelerate in 2022, with the annual GDP growth rate projected to rise to 5.1 percent. However, this forecast relies on three major assumptions: (i) solid progress on domestic vaccination rates; (ii) an improvement in the global trajectory of COVID-19 sufficient to allow international tourism to partially recover; and (iii) the full disbursement of the recently approved THB 500 billion fiscal response package. Between 2020 and 2022, total economic output is now projected to be about 7.7 percent below levels forecast in January 2020, prior to the pandemic.

The government plans to vaccinate 70 percent of the population (50 million people) by the end of 2021, but any delay in the rollout schedule could adversely impact domestic mobility, consumption, and tourism. As of end-May 2021, only 1.6 percent of the population had been fully vaccinated, but vaccination rates picked up in June, with about 200,000-300,000 people receiving a dose of the vaccine each day. By end-June 2021, 4.0 percent had been fully vaccinated. If vaccinations continue at this pace through the rest of the year—as assumed by the forecasts—around 70 percent of the population will have received at least one dose by the end of 2021 and will be fully vaccinated by the first half of 2022. These vaccination rates would



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be consistent with economic activity returning to pre-pandemic levels by early 2022, the annual growth rate of private consumption increasing from 2.4 percent in 2021 to 3.9 percent in 2022, and tourism arrivals rising from under 1 million in 2021 to 10.8 million in 2022. However, global supply shortages could threaten this vaccination schedule. The government has already procured about 61 million vaccine doses from AstraZeneca and 7 million from Sinovac, but reaching 70 percent coverage in the first half of 2022 will require the timely procurement of additional vaccines, including an expected 10-15 million doses from Sinovac, 5 million from Johnson & Johnson, and 20 million from Pfizer.

While the public debt stock is expected to increase significantly, risks to fiscal sustainability remain manageable. As a result of the COVID-19 relief and recovery efforts, the public debt stock is projected to rise to 62 percent of GDP in 2022, exceeding the government's current target ceiling of 60 percent. Nevertheless, the debt trajectory remains sustainable: fiscal modelling based on historically reasonable assumptions for growth rates, interest rates, and primary deficits suggests that a temporary breach of the debt ceiling at the level projected would not threaten medium-term fiscal sustainability.

Moreover, the debt stock is largely denominated in local currency, and sufficient domestic liquidity is available to absorb the government's refinancing needs, with new debt generally issued at relatively long maturities. These factors further mitigate fiscal risks.

Risks to growth are skewed to the downside, and the outlook remains fundamentally uncertain. The trajectory of the global pandemic is unpredictable, and the domestic containment of COVID-19 will hinge on the pace of the vaccination rollout, the successful procurement of additional vaccine doses, and the effectiveness of vaccines against new strains of the coronavirus. Meanwhile, the inefficient or incomplete execution of planned fiscal support measures could slow the economic recovery, with deeply negative implications for the most vulnerable segments of the population. In addition, supply disruptions and logistical bottlenecks could impede the ability of Thai firms to fully benefit from the recovery of global trade—though the upside potential for a more robust external recovery could also generate new opportunities for trade and investment. Over the medium term, the pandemic's detrimental effect on the accumulation of physical, financial, and human capital could inhibit the recovery of economic output while widening socioeconomic disparities.

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Structural reforms could support key drivers of growth, mitigating downside risks and positioning Thailand to capitalize on upside potential. Reforms that lower trade costs and barriers could help maximize the benefits of the ongoing recovery of global economic activity. The liberalization of trade in services and other measures to promote economic openness, tighter enforcement of intellectual property rights, and the full implementation of the new competition law could attract knowledge-intensive foreign direct investment (FDI) and facilitate Thailand's integration into more complex global value chains for higher-value-added goods and services. In addition, further strengthening social safety nets could help improve resilience and foster inclusive growth by encouraging investments in human capital and supporting the movement of labor toward higher-productivity sectors.

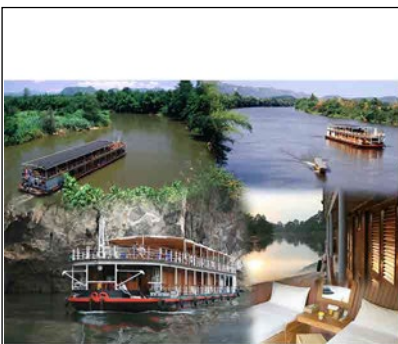
Protecting Poor and Vulnerable Households

Thailand's social assistance response to the pandemic was unprecedented in scope and scale, standing out in comparison with peer countries. The government expanded what was previously a relatively modest set of cash transfer programs to implement one of the largest such responses to COVID-19 in the world. The total cost of transfers in 2020 was estimated at THB 388 billion baht or about 2.5 percent of GDP bringing total social assistance to about 3.2 percent of GDP, compared

to just 0.8 percent in 2019. Preliminary simulations suggest that more than 780,000 additional people could have fallen into poverty in 2020 if the government had not scaled up social assistance (under an assumption that the eligibility criteria attached to each of these measures were 'perfectly' applied).

While Thailand's social protection system could have been better prepared to respond to the pandemic, it built successfully on its first-class unique ID, payment, and administrative systems to scale up rapidly cash transfer programs. The crisis in 2020 demonstrated Thailand's ability to quickly integrate existing data and agile, on-line applications to create a kind of instant social registry. In fact, Thailand successfully leveraged on its robust and universal digital ID, sophisticated and interoperable digital platform, and a number of administrative databases to filter eligibility for new cash transfer programs. With all of the building blocks in place, Thailand could now consolidate that effort and face future crises better prepared through a 'virtual' or 'federated social registry' that monitors the situation of households in normal times as well as crises.

Going forward, government will need to invest in strengthening the social protection system. Prior to the pandemic social assistance benefits were not very generous and often inadequate to protect the poor. The largest social assistance programs were categorically targeted, and only recently is poverty



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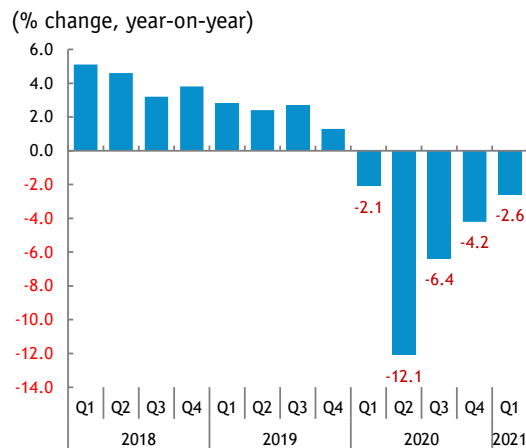


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targeting becoming more prominent. In the years to come it should be a priority to ensure that vulnerable beneficiaries receive adequate support and given the limited fiscal space would also require significant investments in effective targeting. The crisis also further underscores the need to ensure that the social protection system covers the large informal sector in Thailand at all times, not only during crises.

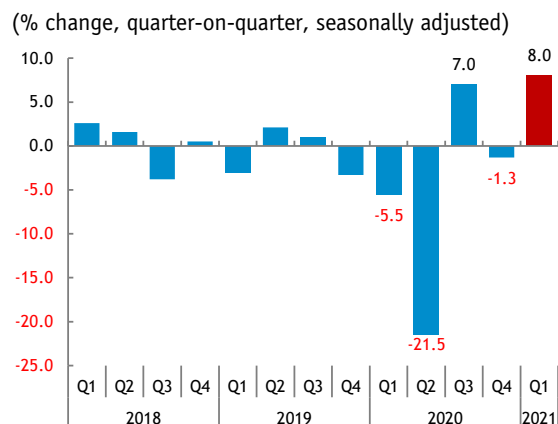
Recent Developments and Near-Term Outlook

Figure ES 1: Thailand's GDP growth rate remained negative in Q1 2021, but key indicators showed signs of improvement...



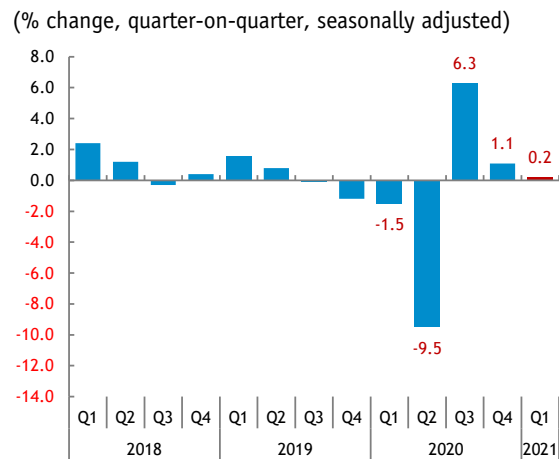
Source: NESDC

Figure ES 2: ... as exports expanded amid an accelerating global recovery.



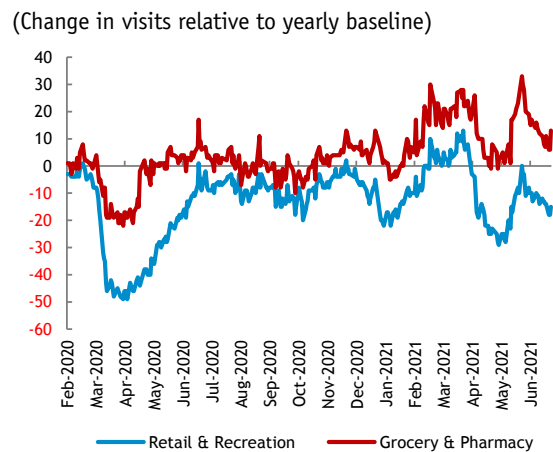
Source: NESDC

Figure ES 3: However, quarterly growth stalled in early 2021 due to a resurgence in COVID-19 cases...



Source: NESDC

Figure ES 4: ...and stricter containment measures hindered economic activity again in Q2 2021.

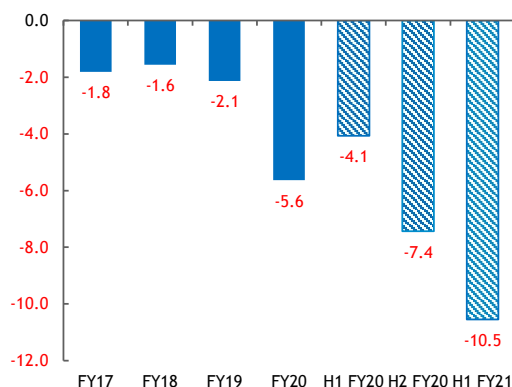


Source: Google Community Report

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Figure ES 5: The authorities responded by expanding relief measures, causing the fiscal deficit to widen.

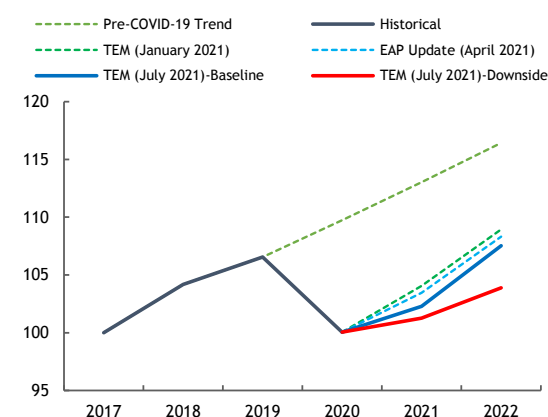
(Percent of GDP)



Source: Fiscal Policy Office, Ministry of Finance

Figure ES 6: The recovery is expected to be slow with output returning to pre-pandemic levels in 2022.

(Index, 2017 GDP = 100)



Source: NESDC; World Bank staff calculation

Table ES 1: Macroeconomic Indicators

	2018	2019	2020	2021f	2022f
Real GDP Growth Rate (at constant market prices)	4.2	2.3	-6.1	2.2	5.1
Private Consumption	4.6	4.0	-1.0	2.4	3.9
Government Consumption	2.6	1.7	0.9	5.0	-0.7
Gross Fixed Capital Investment	3.8	2.0	-4.8	6.7	7.9
Exports of Goods and Services	3.4	-3.0	-19.4	7.3	11.9
Imports of Goods and Services	8.3	-5.2	-13.3	10.3	9.8
Real GDP Growth Rate (at constant factor prices)					
Agriculture	5.8	-0.6	-3.4	1.4	1.3
Industry	2.9	0.1	-5.3	8.8	4.8
Services	5.1	4.5	-6.9	-1.4	5.6
Inflation (Consumer Price Index)	1.07	0.71	-0.85	1.0	1.1
Current Account Balance (% of GDP)	5.6	7.0	3.2	1.1	4.9
Fiscal Balance (% of GDP)	-1.6	-2.1	-5.6	-9.6	-5.0
Debt (% of GDP)	42.0	41.0	49.4	59.3	62.1

The full report is available for download here: [World Bank](#)



STCC INTERNAL NEWS

OBITUARY PAUL SOMM



Paul and Milly Somm at the 20th Year STCC celebration at the Swiss Embassy in Bangkok in November 2018.

Dear Members and Friends

It is with profound sadness that we inform you that our friend and Honorary President Paul Somm passed away peacefully on Friday, 30 July, losing the battle to age related diseases in Hua Hin. Paul was the President of the Swiss Thai Business Association from 1997 to 1998 and founding father and President of the STCC from 1999 to 2001. I met Paul the first time when I moved from New York to Bangkok in 1997 and was instantly impressed by his fluency in the Thai language and his deep understanding of the Thai business culture. Paul introduced me to the Swiss Thai business community and cultural heritage of this vibrating city. I will be forever grateful to him.

Paul was born on 29 March 1929 in Altnau, Thurgau, and moved to Bangkok in 1952, at 23 years of age. He wanted to discover the world and joined his uncle who worked at Diethelm Co. His charming fiancée Milly joined him later and on 25th January 1958 they got married in Bangkok and have been together ever since. In 1957, Paul was elected as President of the Swiss Society Bangkok and in 1959 he was one of the co-founders of the Swiss School

in Bangkok. Shortly thereafter he was elected as President of the School Board. In 1967, he returned back to Switzerland to assume a management position at Diethelm Company in Seebach, Zurich. In 1981 he joined Bernina in Switzerland and in 1991 he moved back with Milly to Thailand to assume an executive position at Bernina in Lamphun. In 1997 Paul was elected as the President of the Swiss Thai Business Association, the predecessor of the STCC, and under his leadership the STCC was officially inaugurated on 13 October 1998. Paul acted as its first President until 2001 and was then granted the title of Honorary President for his great contribution to the Swiss Thai Business community and the STCC in particular.

In 2001 Paul founded the Thai Swiss SME Centre in Pranburi, where he also set up his residence. He stayed active in managing his SME Centre until the final years of his eventful life. He always kept a positive outlook in life and was an inspiration to many people who were privileged to get to know him. Paul leaves behind his wife Milly and his children Christopher, Mark Alex and Diana. On behalf of the Board of Directors I extend our deepest sympathies to Milly Somm and her family.

We shall remember Paul as a loyal friend, an active promotor of Swiss businesses in Thailand, and the first president of the STCC.

Bangkok, 1st August, 2021
Bruno G. Odermatt
President



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INTRODUCTION TANAPAT PROMPAT

Dear STCC members and friends,

It is my pleasure to introduce myself to you. My name is Tanapat Prompat or just call me "Napat". I am a fresh graduate from School of Journalism and Mass Communication, Thammasat University, Thailand. I have been passionate in communication studies for a long time. Moreover, I have been targeting my dream to work in a communication career in the future.

After graduating from university in April 2021, I was seeking an opportunity to do another internship program. Fortunately, I found this traineeship program in PR and Event Marketing at the STCC. As a media studies student and a media enthusiast, I applied for this position as fast as possible because I want to try and learn new knowledge in a broader area of communication, especially in business relationship communication. Besides, the STCC, in my perspective, is the perfect place to learn many skills that I am eager to strengthen because Swiss people and companies are regarded as professional, innovative and highly successful.

From now on, I will be working as a trainee at the STCC for the coming 6 months. Personally, I believe that as a team member of the STCC I will gain many

valuable skills to prepare me for the working world of the future.

After diving into the history of the STCC, and the diverse member base the STCC has I am even more excited to be a part of the Chamber. I am excited to meet you and to learn more on how the chamber can be assistance to its members. However, the COVID-19 situation is quite severe in Thailand at the moment and our first personal interaction will have to wait a little while. I hope we can keep in touch by virtual communication and our various online communication platforms such as Facebook, LinkedIn and Twitter. Nevertheless, whether the situation will change or remain the same, the STCC and I will be here to assist and facilitate your business as usual.



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SOLAR POWERED E-LONGTAIL BOAT



Two years, after the official project start in spring 2019, we are happy to announce the Solar Powered E-Longtail Boat is built and set to water east of Bangkok on the Nakhon Nueang Khet Canal successfully at the end of June 2021 for the first test runs.

This project aims for the construction and proof of concept of a fully functioning prototype of an electric longtail boat powered by solar energy. The E-Longtail Boat will offer an alternative solution to locals while eliminating the damaging emissions (exhaust gases, oil, lubricant and noise) associated with the existing longtail boats. Important for the project was to maintain the “look and feel” of the traditional longtail boats to enhance the chance of broad acceptance of the general public.

In 2019 we were mainly focused to overcome the

bureaucratic barriers to run a boat in Thailand. Several meetings with different government departments haven taken place, mainly with the Pollution Control Department (PCD) and the Marine Department of the Ministry of Transport. Thanks to the great support of the PCD, all the challenges could be solved. One important outcome was the fact, that it was easier to get an approval to run the boat on the rivers of Bangkok then the open sea

During the construction phase we were looking for a local boat builder and all the mechanical parts needed. The complete assembly has been done by the local partner Aero Solar & Automation Co. Ltd east of Bangkok

For the mechanical parts it was important for us, to minimize the risk of a failure related to software

STCC INTERNAL NEWS



and communication. Therefore, we decided to use sea proven hardware from Mastervolt and Bellmarine for the batteries, solar charger, monitoring devices as well as the motor controller and motor itself. We used a 15kW AC-motor directly connected to the shaft and propeller. The roof consists of 20 flexible solar panels with a total power of 5.2 kWp, which are charging the 4 batteries with a total capacity of 22 kWh. Beside the charging from the roof, there is the possibility to charge from a 2nd source or backup. The boat is 12m long and 2.5m wide and weighs 2'400 kg including all components and offers space for maximum 28 passengers.

Around two weeks ago the Solar Powered E-Longtail Boat was ready for the first tests in the water.



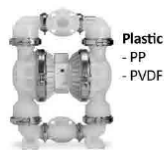
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Hygienic
 - SS316 Polished

Diaphragm pump sizing from 1/4" up to 4"

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Internal Gear Pump



Vacuum Pump



Blower & Booster



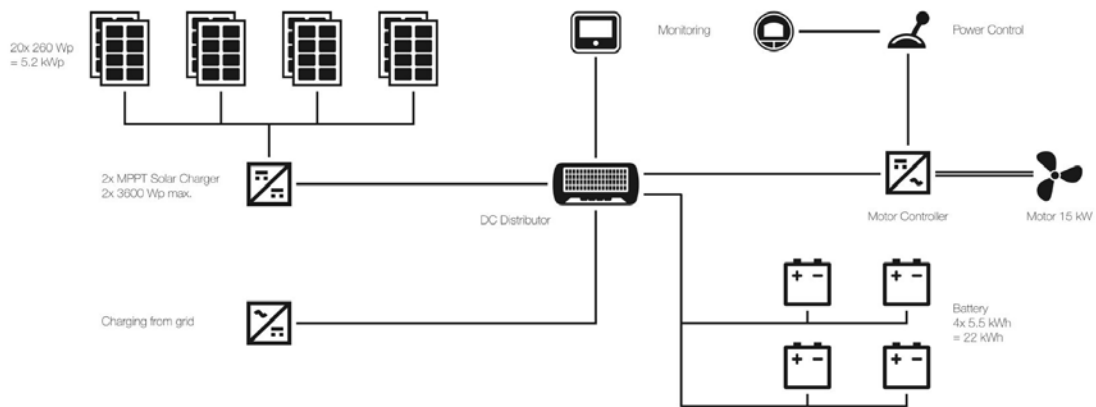
Dampener Metal & Plastic



Spill-Stop

STCC INTERNAL NEWS

Solar Powered E-Longtail Boat



STCC INTERNAL NEWS

Over the next weeks all the parts will extensively be tested to improve and optimize the operation of the Solar Powered E-Longtail Boat. The testing will be done on the Nakhon Nueang Khet Canal. The boat will be “parked” and monitored while not in use from a close by temple and its monks.

Location:

- <https://goo.gl/maps/5NfyYEpjzHfwu5t5A>

Link to video:

- <https://vimeo.com/zenna/e-longtail-boat>

Thank you to all project partners, which contributed to enable the execution of this project.

For any marketing activities, please contact/confirm with:

AERO Solar & Automation Co., Ltd.

Mr. Rolf Aeschbacher

rolf@aero-engineering.net

ZENNA AG

Mr. Roland Schlegel

mail@zenna.ch

Solar Powered E-Longtail Boat powered by



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SWISS MADE

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Digital Membership Card

In a few simple steps, you can access this card on your smartphone.

How to access your digital membership card:

1. If you haven't done so already you have to register and associate your membership with the STCC on <https://swissthai.glueup.com/register/> account. Please use the e-mail address, via which you regularly receive our mailings. If you are unsure which one that is please contact execdirector@swissthai.com and we will send you another invitation e-mail to join the platform.

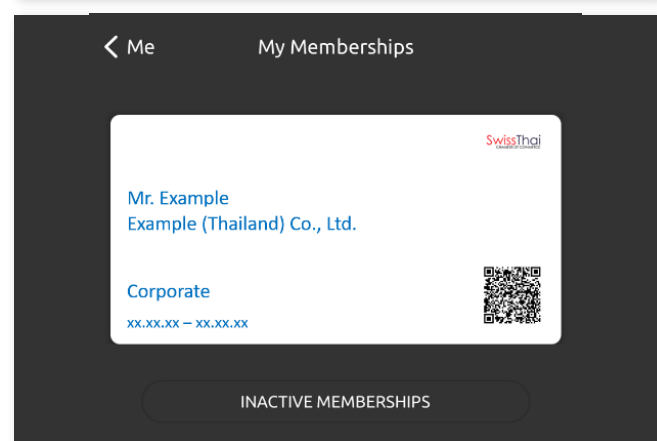
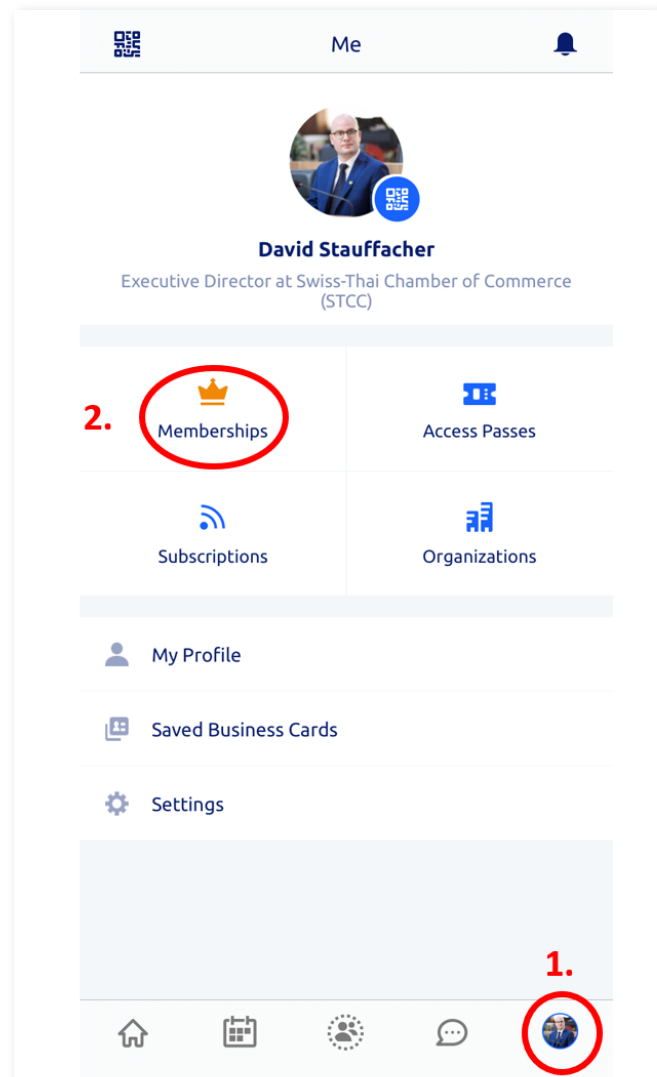
2. After you have registered, you will receive a verification e-mail which you must confirm to proceed and activate your account. Please also check your spam folder for the confirmation e-mail as the e-mail comes from no-reply@glueup.com.

3. Download the My Glue App on the App Store or on Google Play

4. Log in on the App with your previously registered e-mail address and password

5. Click on the "Me icon" in the bottom right corner, click on MEMBERSHIPS and your digital Membership Card will be displayed

6. Present this card to our Member Benefit Partner and you will be entitled to enjoy special promotions etc.





NEWS MEMBERS

CORPORATE MEMBERS:



Schindler

Jardine Schindler (Thai) Co., Ltd.
20 FLOOR TIMES SQUARE BUILDING,
246 SUKHUMVIT ROAD
KLONG TOEY
Bangkok

Tel: +66 2 685 1600
E-Mail: info.th@schindler.com
Website: <https://www.schindler.com/th/>

Representatives: Mr. Smith Tetchartvanich,
Managing Director; Mr. Daniel Roh Dear Saragih, HR
Director

Company Profile:

Jardine Schindler (Thai) Ltd., was established in 1980 as a subsidiary of the Jardine Schindler Group, which is a Joint Venture between Jardine Matheson of Hong Kong and The Schindler Group of Switzerland.

Jardine Matheson was founded as a trading company in China in 1832, and is today a diversified business group focused principally on Asia. The Group's interests include among other businesses. The Mandarin Oriental hotel,

Jardine Engineering, Trane Thailand, Jardine Lloyd Thomson, Hong Kong Land, Dairy farm and Astra International.

The Schindler Group is the largest supplier of escalators and the second largest manufacturer of elevators worldwide. It has around 43,000 employees and its operations span all five

continents. Schindler designs, installs, services and modernizes transport systems for almost every building type worldwide. Globally, Schindler equipment moves more than 1 billion people per day.

Everybody talks green, we act green.

Mobility begins in the mind – so does ecology. At Schindler, all products and processes are carefully designed and analysed with regard to ecological aspects. And not only that: we are also strongly committed to continuously further reducing the environmental burdens that result from our business activity.

Our green building solutions include careful building traffic planning to achieve a balance in terms of traffic increase versus energy consumption; Power Factor One converters that feedback energy generated by lift to the building power grid; permanent magnet motors; gearless drives and energysaving modes on escalators including automatic start/ stop control or automatic two-speed control, which varies the escalator speed according to the passenger flow.

Our Products

Residential Elevators

The Schindler 3300 AP is our solution for residential buildings. This elevator is ingeniously designed, highly standardized and flexible to install.

Commercial Elevators

The Schindler 5400 AP is built to meet your expectations, whether for low or mid-rise buildings,



NEWS MEMBERS

using modular design options. Available space is optimally used, both horizontally and vertically so, with this elevator, it's easier to accomplish more.

High-rise Elevators

Schindler 7000 has been developed to make possible the high-rise buildings of today and tomorrow. It is available either in a highly cost effective, pre-engineered configuration or high-rise residential applications or as a high performance and fully customized elevator system for high-end commercial buildings.

Commercial Escalators

Escalators and moving walks have arrived over the years at a level of quality and refinement that is honed to the state of the art in safety and eco-friendliness. In this development, Schindler has probably played a more influential part than any other supplier. This fact is well demonstrated by the global popularity of its four segments: Escalators - Commercial, Escalators - Public Transport, Inclined Moving Walks and Horizontal Moving Walks

Leadership through Customer Service

Strong project management and field organisation

Schindler devotes many thousands of hours every year to training our staff on the technology of our products and also for project management skills, safety skills and communication techniques.

Each of our elevators undergoes very stringent Schindler Acceptance Inspection Standard safety inspection tests - to ensure its quality and performance; prior to handing over to our customers.

Renew and lead the way. We keep your building fit for future

Schindler believes in keeping your building competitive by keeping your mobility systems up-to-date technologically and aesthetically.

You could consider a modernization of your existing lifts and escalators to revitalize your building. Our modernization specialists are experts in keeping your building mobility systems running during the challenging modernization process, so it's business as usual.

A truly service oriented company

Partnering with Schindler professional service ensures that your lifts and escalators are cared for by the people who know them best, maximizing their performance, efficiency, safety, and working lifespan, thus optimizing the value of your investment in the long run. Without doubt, Schindler is the ideal partner for its customers.

24/7 Service network

If your lift and escalator ever needs attention, you can count on Schindler to respond quickly and professionally. Any time of the day, any day of the year, a single call will put our service network into action immediately.

Comprehensive stock of genuine spare parts

Genuine spare parts are well stocked in our warehouse around cities in Thailand so as to respond quickly whenever a spare part is required anytime, anywhere.

Our regional operations are supported by a 50,000 square feet Regional Parts Distribution Centre in Hong Kong.



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Roche Diagnostics

18 Floor Rasa Tower 1
555 Phaholyothin Road,
Chatuchak
Bangkok, 10900

Tel: +66 (0) 2791 2200
Website: www.roche.co.th

Roche Diagnostics (Thailand) Limited is a part of the Diagnostics Division of the Roche Group, a leading healthcare company headquartered in Basel, Switzerland. Our broad range of innovative diagnostic platforms and tests play a pivotal role in the area of in vitro diagnostics (IVD) covering all areas including early detection, targeted screening, evaluation and monitoring of diseases.

By building successful partnerships with hospitals, laboratories and other relevant stakeholders we provide the fast and reliable results needed for life-changing decisions. We have the power to move beyond diagnosis and reach a new phase of

sustainable healthcare in disease prevention and management.

Having established its presence in 1999, Roche Diagnostics Thailand has grown to an organization employing more than 300 people today. With our firm determination, we are committed to delivering the best possible diagnostic solutions to improve people's lives.

Our Business Areas and Units:

- Centralised and Point of Care Solutions (CPS)
- Roche Molecular Diagnostics (RMD)
- Roche Tissue Diagnostics (RTD)
- Roche Sequencing Solutions (RSS)
- Diabetes Care (DC)

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SCC Office pavilion



RIS SWISS SECTION DEUTSCHSPRACHIGE SCHULE BANGKOK

THE 2021 GRADUATES OF RIS SWISS SECTION – DEUTSCHSPRACHIGE SCHULE BANGKOK BID FAREWELL



With bright students and a prominent guest speaker, RIS Swiss Section – Deutschsprachige Schule Bangkok presented a short but impressive program to their guests on June 11th, 2021 at the graduation ceremony, which took place again at the Swiss Embassy, where the school bid farewell to the eleven Matura graduates who successfully completed their school career in 2021.

The diplomas were handed over by H.E. Helene Budliger Artieda, Ambassador of Switzerland to Thailand. She praised the students for their success and congratulated them for reaching a very important milestone in their life - the completion of a long learning process. The eleven students from

Grade 12 will move on to the next stage of life as they will continue their education in different locations all over the world. In poignant speeches, all the Matura graduates expressed their gratitude to the various teachers and parents who helped them achieve their goals. A piano performance by Nat Keawfanapadol enlivened the ceremony. Principal Christian Vogel took the opportunity to thank all participants of the ceremony and to wish the students all the best for their future. Following the ceremony, the guests had the chance to socialize and celebrate this great achievement, enjoying an Apéro, offered by the Embassy of Switzerland.

RIS SWISS SECTION DEUTSCHSPRACHIGE SCHULE BANGKOK

PRESENTATION AND HANDOVER OF SECONDARY SCHOOL CERTIFICATES AT RIS SWISS SECTION – DEUTSCHSPRACHIGE SCHULE BANGKOK

On 14 June 2021, RIS Swiss Section – Deutschsprachige Schule Bangkok welcomed guests to a short and atmospheric ceremony for the presentation of the Secondary School certificates, which again took place at the German Embassy in Bangkok.

Fifteen students from Grade 10 got awarded admission to the Gymnasium (Oberstufe) and one student from Grade 9 with the Hauptschulabschluss. The certificates were handed over to the proud graduates from Mr. Jan Scheer, Deputy Head of Mission of the Federal Republic of Germany to Thailand. Together with the Head of Secondary School Jens Eggert they both praised and congratulated the students for their success and wished them all the best for the future. Three of the graduates will leave the school, while the remaining students will continue their school career with the Swiss Matura at our school. Finally, in their speeches, the students Isabella Miranda Hess Viva, John Limbo Eggert, Saranya Ströhler, Luca Jakobi, Sirinja Schulte, Jasmine Bucher and Haiqal Doering Hasrulisam thanked their teachers and parents for helping them achieve their goals.



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Good food, Good life

RIS SWISS SECTION DEUTSCHSPRACHIGE SCHULE BANGKOK

CAKE SALE

Our class of 9 has organized a “lockdown cakesale”. As part of a life sciences lesson, the idea was to organize a cake sale that follows the corona precautionary rules. The cake was baked, packaged and delivered to the front doors in the housing settlements “Sammakorn” and “Perfect Place” in keeping with strict hygiene rules. This is how a proud amount of 3120 THB was generated, which benefits physically and mentally handicapped students as part of our annual social project at a school in Khon Khaen. Our students not only did good with this campaign, but also dealt with the challenges and impacts of the coronavirus situation in the food industry and, above all, had great fun in this learning session.



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RIS SWISS SECTION DEUTSCHSPRACHIGE SCHULE BANGKOK

“BAKE, BAKE CAKE”

Our learning gnomes learned the children's song “Bake, Bake Cake” and baked delicious banana muffins as a highlight.



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TOP 10 RANKINGS IN THE WORLD



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TO OUR
BACHELORS
OR MASTER
IN CULINARY
ARTS OR
HOSPITALITY!



RIS SWISS SECTION DEUTSCHSPRACHIGE SCHULE BANGKOK

SOCIAL PROJECT 2021 - SRI SANGWAN SCHOOL IN KHON KAEN



For ten years RIS Swiss Section – Deutschsprachige Schule Bangkok has supported a school for mentally and physically challenged children in Khon Kaen.

The generous donations of the whole school community allowed us also during the Covid-19 - crisis to support several students and pay all their

fees and expenses for one year. The football team “Perfect Boyz Bangkok” donated 12,000 THB! With all the other donations, we supported the students in our partner school with 62,000 THB! This amount really makes a difference for these children. Thanks so much to all the donors!



RIS SWISS SECTION DEUTSCHSPRACHIGE SCHULE BANGKOK

RIS SWISS SECTION - DEUTSCHSPRACHIGE SCHULE BANGKOK LAST DAY OF SCHOOL

On the last day of school on Friday, June 18th, 2021, teachers, families and friends were invited to join and watch a video presentation, created by Prin Oapirat, student of Grade 11 and our teachers Matthias Frei and Fabian Studerus.

In the video, teachers, staff and students who are leaving the school were bid farewell to an impressive collection of photos.

RIS Swiss Section - Deutschsprachige Schule Bangkok wants to say thank you to the Library Team, all members of the school administration, the maintenance team, all the teachers, the school leadership team, the school board as well as all members of the school community for their excellent work and dedication throughout the year.

We wish you all a healthy and happy summer holiday!

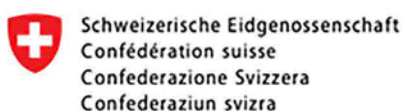
Planned public events in the first semester of the school year 2021-22:

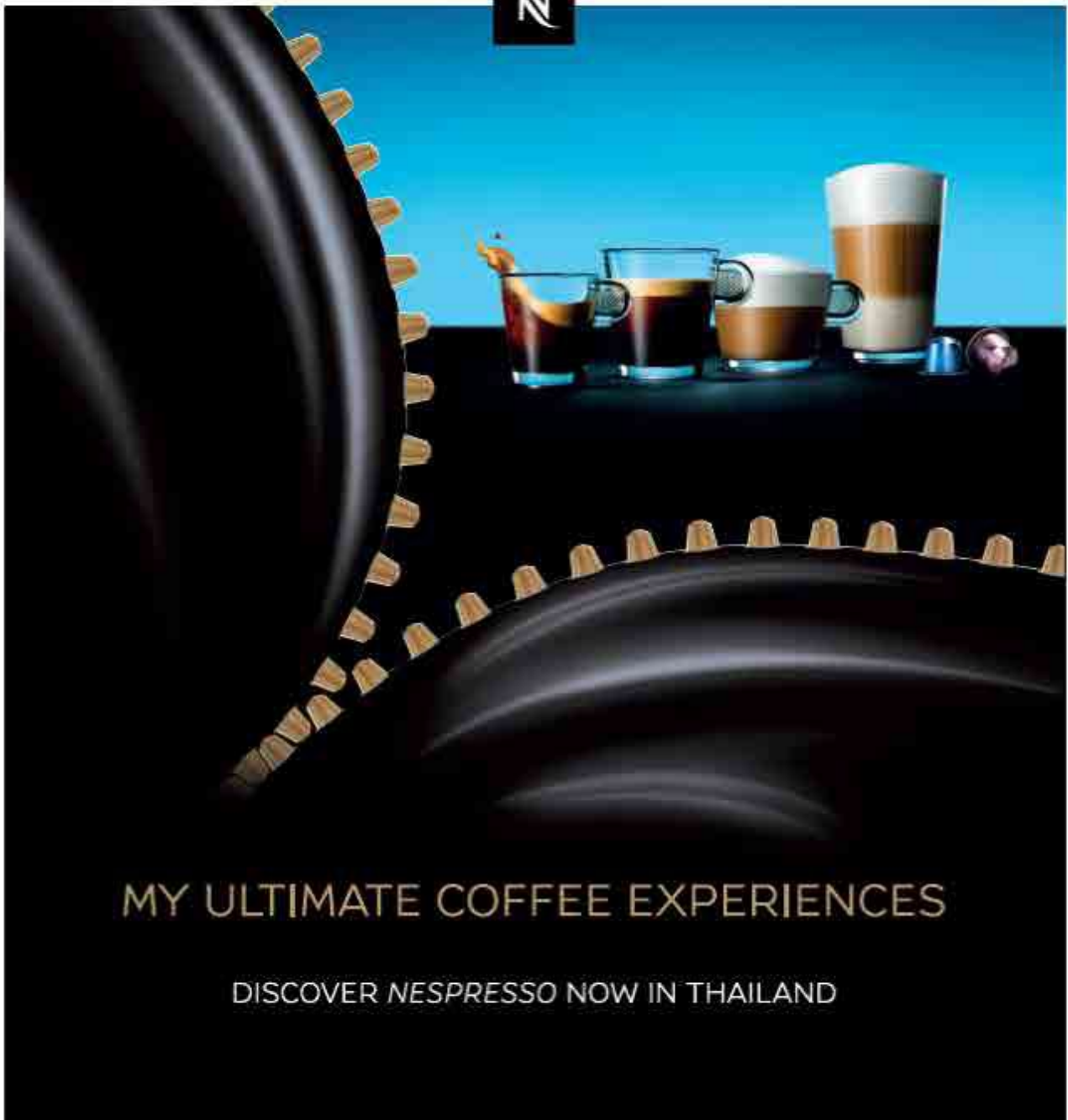
09.08.2021	First day of school - opening ceremony (9:30)
25.09.2021	Open House Info Session (13:00 – 15:00)
02.11.2021	Open House Day (7:30 – 14:30)
12.11.2021	Lantern Parade (KG - Grade 3 - evening)
19.11.2021	Making Krathongs/Loy Krathong – Celebration
16.12.2021	Christmas Party (from 13:00)

Please visit our website - www.ris-swiss-section.org - and get more information about our upcoming events.



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