1. Introduction

1.1 The past decade or so has seen a rise in the use of novel cigarette and tobacco products worldwide, noticeably non-combustible electronic cigarettes ("e-cigarettes") and heated tobacco products ("HTPs"). E-cigarettes were invented in 2003 and entered the European and United States ("US") markets in 2006. Unlike conventional cigarettes, e-cigarettes do not burn or use tobacco. It works by heating "e-liquid" to create vapour for users to inhale (known as "vaping"). Typical e-liquid contains ingredients such as propylene glycol/vegetable glycerine, water, flavouring and nicotine. As shown in Figure 1, an e-cigarette usually comprises a mouthpiece, a battery-powered heating element, a cartridge or refillable tank containing e-liquid and an atomiser that vaporizes e-liquid when heated.

Figure 1 – Parts of e-cigarette

Source of picture: British Broadcasting Corporation.

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1 In 2016, the global market for e-cigarettes and HTPs grew by 34% year-on-year to reach US$12.3 billion (HK$95.5 billion). Within the total, e-cigarettes accounted for US$10.2 billion (HK$79.2 billion) and HTPs represented a further US$2.1 billion (HK$16.3 billion). See Euromonitor (2017).


1.2 HTPs, also known as "heat-not-burn" tobacco products, were first launched in Japan in 2014, and are growing in popularity around the world. HTPs produce aerosol containing nicotine and other chemicals, which is inhaled by users through the mouth. In order to produce the nicotine-infused aerosol, HTPs use a battery-powered heating system to heat tobacco up to 350°C, compared with 600°C when a conventional cigarette burns. The heating system, which is enclosed in a device, can be (a) an external heat source to aerosolize nicotine from specially designed cigarettes or tobacco sticks (Figure 2); or (b) a heated sealed chamber to aerosolize nicotine directly from tobacco leaf.

**Figure 2 – Parts of heated tobacco product**

[Diagram of heated tobacco product]


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4 According to the World Health Organization (2018a), HTPs were sold or planned to be marketed in 34 countries as at September 2017.

1.3 E-cigarettes and HTPs, like conventional cigarettes, contain nicotine that could lead to addiction. Furthermore, irritants, carcinogens and other harmful substances may be released during the process of vaporization. The potential health effects of e-cigarettes and HTPs have provoked discussions about the regulation of these two novel products in recent years.

1.4 At its meeting on 21 May 2018, the Panel on Health Services requested the Research Office to study the regulation of e-cigarettes and HTPs in overseas places to facilitate discussion of the subject matter. This information note studies the US, the European Union ("EU") and South Korea in view of the salient features of their regulatory frameworks.

1.5 The US is an early adopter of e-cigarettes, with regulations currently in place governing the ingredient, packaging, sale, advertisement and sponsorship of e-cigarettes. The EU has set out a comprehensive regulatory framework for both e-cigarettes and HTPs, and South Korea has recently amended its legislation to regulate these two novel products. The paragraphs below first highlight the regulation of e-cigarettes and HTPs in Hong Kong, followed by a summary of the global regulatory approaches with special reference to the experience of the US, the EU and South Korea. Details of the regulatory frameworks adopted by the above three overseas places are set out in Tables 1 and 2.

2. Regulations of e-cigarettes and HTPs in Hong Kong

2.1 At present, there is no specific legislation governing e-cigarettes or HTPs in Hong Kong. Nevertheless, e-cigarettes and tobacco products containing more than 0.1% of nicotine are categorized as Part 1 poisons and are considered pharmaceutical products under the Pharmacy and Poisons Ordinance (Cap. 138). As such, they must be registered with the Pharmacy and Poisons Board of Hong Kong for sale or distribution, and can only be legally possessed or sold by licensed medicine dealers, including licensed

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7 South Korea has one of the highest per capita cigarette consumption rates in the world. In 2016, the prevalence of tobacco smoking in South Korea, at 23.6%, was higher than that of Japan (22.5%), Singapore (16.8%) and Australia (14.8%). See World Health Organization (2018b).
8 See GovHK (2014) and GovHK (2017).
9 Pharmacy and Poisons Board of Hong Kong is established under section 3 of the Pharmacy and Poisons Ordinance) to license various medicine dealers, register pharmaceutical products and approve clinical trials of drugs. See Food and Health Bureau (2009).
wholesale dealers and authorized sellers of poisons. Illegal possession or sale of Part 1 poisons or unregistered pharmaceutical products is an offence and may be liable to a maximum fine of HK$100,000 and imprisonment for up to two years. Furthermore, the Smoking (Public Health) Ordinance (Cap. 371) restricts people from smoking, including vaping of e-cigarettes and HTPs, in the statutory no smoking areas.\textsuperscript{10}

2.2 Regulation of e-cigarettes has been discussed in the Legislative Council on several occasions since 2014.\textsuperscript{11} Members have voiced concerns that relevant regulations on sales of e-cigarettes were so lax that the underage persons could purchase e-cigarettes easily.\textsuperscript{12} In addition, Members have expressed concerns over the e-liquid for e-cigarettes, even claimed to be nicotine-free, possibly containing heavy metals and nano particles that were harmful to the human body.\textsuperscript{13} As such, Members have called on the Government to introduce comprehensive regulation of e-cigarettes to address the above concerns.

2.3 In 2016, the Government responded that an amendment bill to the Smoking (Public Health) Ordinance would be introduced into the Legislative Council in 2016-2017, in order to "completely prohibit the import, manufacture, sale, distribution and advertising of e-cigarettes".\textsuperscript{14} The amendment bill also includes provisions setting out restrictions on all sale activities of e-cigarettes, regardless of whether the purchase is in-store or online. However, the proposed amendment bill has yet to be tabled before the Legislative Council.

\textsuperscript{10} Section 2 of the Smoking (Public Health) Ordinance defines "smoke" as "inhaling and expelling the smoke of tobacco or other substance". As such, smoking, including consuming e-cigarettes and HTPs, in a statutory no smoking area commits an offence and is subject to a fixed penalty of HK$1,500. See GovHK (2016) and GovHK (2017).

\textsuperscript{11} The subject matter of novel cigarette and tobacco products was raised in the Council meetings on 22 October 2014, 15 June 2016 and 11 January 2017, and the meetings of the Panel on Health Services on 18 May 2015, 6 July 2015 and 21 May 2018. The discussions have hitherto evolved the regulation of e-cigarettes.

\textsuperscript{12} See GovHK (2014).


\textsuperscript{14} See GovHK (2016).
3. Global regulatory approaches for e-cigarettes and HTPs

3.1 In 2014, the World Health Organization ("WHO") issued a report with suggestions\(^\text{15}\) for bringing e-cigarettes and related products under regulation covering areas such as (a) health claims; (b) use of electronic nicotine delivery systems in public places; (c) advertising, promotion and sponsorship; (d) protection from vested commercial interests; (e) product design and information; (f) health warnings; and (g) sale to minors. A number of countries have subsequently based on the WHO report to enact legislation regulating e-cigarettes.\(^\text{16}\) On the other hand, HTPs are new to the market and policymakers need time to consider what specific regulations should apply to this novel product. As such, the regulatory framework for HTPs is still developing in many countries.

3.2 According to a study conducted by a leading international authority on public health in 2018\(^\text{17}\) ("the 2018 study"), a total of 83 countries have put in place specific regulations for e-cigarettes as at October 2017. Among them, 27 prohibit sales of all types of e-cigarettes, and 56 allow the sale of e-cigarettes with regulations pertaining to product requirement, sale and age restriction of e-cigarettes as described below.\(^\text{18}\)

**Product requirements**

3.3 E-cigarettes typically consume nicotine-containing e-liquid. In the 2018 study, 28 countries regulate the amount and concentration of nicotine in e-liquid. For example, the maximum nicotine level is 20 mg/ml in the European countries. Furthermore, non-nicotine ingredients that pose a risk to human health are not permitted in 28 countries, mostly European countries.

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\(^\text{15}\) See GovHK (2014).

\(^\text{16}\) There are also places developing regulations on e-cigarettes. For example, Taiwan is proceeding to amend its Tobacco Hazards Prevention Act to prohibit the manufacturing, importation and sale of e-cigarettes.

\(^\text{17}\) Since 2016, Johns Hopkins Bloomberg School of Public Health has been conducting a study to review the national policies and legislation on regulating e-cigarettes among 123 countries. The School is the first and the largest institution of public health globally. See Cohen (2016), Johns Hopkins Bloomberg School of Public Health (2018), and World Health Summit Foundation (2018).

\(^\text{18}\) These include developed economies like Australia where sale of nicotine-containing e-cigarettes is prohibited unless approved as an aid to help people quit smoking. However, no e-cigarette has been approved for this purpose as at March 2018. Indeed, regulation of e-cigarettes is common in developed economies like the US, Canada, the EU member states, New Zealand and South Korea. See Parliament of Australia (2018) and Johns Hopkins Bloomberg School of Public Health (2018).
3.4 In addition, 29 countries require child safety packaging on the containers for the liquid nicotine that is used in e-cigarettes to remind keeping the products out of reach of children. Health warnings are also required to be placed on the e-cigarette packages in 31 countries, including the US, Canada, South Korea and most European countries.

**Sale requirement**

3.5 In the 2018 survey, 36 countries require the registration of e-cigarettes by their respective manufacturers before they can be legally sold. Some of them also restrict cross-border sales to control postal and online sales activities. Advertising, promotion and sponsorship of e-cigarette by the trade are either prohibited or regulated in 62 countries, mostly in North America, Europe and Asia.

**Age restrictions**

3.6 There are age restrictions on purchase of e-cigarettes in 32 countries, mostly the US, Canada and European countries. Most of them set the age limit at 18.

### 4. Regulations of e-cigarettes and HTPs in selected places

4.1 As mentioned above, WHO published a report in 2014 with a list of regulatory options proposed to help countries around the world develop regulation of e-cigarettes.\(^{19}\) The EU revised its Tobacco Products Directive accordingly in 2014 to bring e-cigarettes under regulation.\(^{20}\) Likewise, the Food and Drug Administration ("FDA\(^{21}\)) of the US enacted a rule in 2016 to regulate all tobacco products, including e-cigarettes, under the Federal Food,

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\(^{19}\) See World Health Organization (2014).

\(^{20}\) The Directive only covers e-cigarettes which contain nicotine. The EU has left the decision of whether to regulate nicotine-free e-cigarettes to individual member states. See European Commission (2016).

\(^{21}\) FDA is a federal agency established by the US Department of Health and Human Services to protect public health through the control and supervision of tobacco, food products, human and veterinary drugs, biological products, medical devices, cosmetics and radiation emitting products.
Drug, and Cosmetic Act. 22 In South Korea, e-cigarettes are regulated under the National Health Promotion Act and the Tobacco Business Act. 23

4.2 As to HTPs, they are regulated under the Tobacco Products Directive in the EU. 24 In South Korea, HTPs are regarded as a type of e-cigarettes, which are subject to the same regulations governing the nicotine-containing e-cigarettes. 25 In the US, FDA has yet to make a decision on whether to allow HTPs on the market, and if so, the way they could be marketed to consumers.

4.3 Broadly speaking, the regulatory frameworks adopted by the EU, the US and South Korea for e-cigarettes and/or HTPs cover (a) product requirements such as restrictions of ingredients, labelling and warning messages; (b) obligations of the trade in respect of manufacturing, importation, sales, advertising and promotion; and (c) user restrictions such as age limit and use of e-cigarettes in public places.

Product requirements

4.4 The EU and South Korea have imposed restriction on nicotine strength of e-cigarettes and/or HTPs under their respective tobacco laws. The EU further restricts e-cigarette tanks to a capacity of no more than 2 ml and the maximum volume of nicotine-containing e-liquid for sale in one refill container to 10 ml. It also bans certain ingredients including vitamins, colouring and caffeine. 26 In contrast with the EU and South Korea, the US has

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22 Non-nicotine e-cigarettes also fall within the purview of FDA and the regulation of which is subject to a case-by-case approach. It is because even though some e-cigarettes and e-liquid are marketed as nicotine free, studies have found that they encompass a broad, heterogeneous, and evolving category of products, and that the labels may not accurately reflect the amount of nicotine in the e-liquid. See Federal Register (2016).

23 In South Korea, the Ministry of Finance regulates tobacco and other products containing nicotine (including nicotine-containing e-cigarettes). Nicotine-free e-cigarettes are regarded as consumer products and regulated by the Korean Food and Drug Administration. See Johns Hopkins Bloomberg School of Public Health (2018) and Goniewicz (2015).

24 Under article 2(4) of the Tobacco Products Directive, “tobacco products means products that can be consumed and consist, even partly, of tobacco, whether genetically modified or not”. HTPs heat up tobacco to generate aerosol and they are, therefore, regulated under the Directive.

25 Under article 27-2(2) of the Enforcement Decree of the National Health Promotion Act, e-cigarettes are defined as “[t]obacco made to cause the same effect as the smoking by inhaling nicotine-contained solution or shredded tobacco into the body through respiratory organ with an electronic device”. See National Law Information Center (2018).

26 Pursuant to articles 7(6)(a)-(b) and 20(3)(c) of the Tobacco Products Directive, the EU member states are required to prohibit the placing on the market of tobacco products containing (a) vitamins or other additives that create the impression that a tobacco product has a health benefit or presents reduced health risks; and (b) caffeine, taurine or other additives and stimulant compounds that are associated with energy and vitality. See European Commission (2014).
not set out similar product requirements for e-cigarettes. Whether a particular brand of e-cigarette is approved for sale in the US is decided by FDA, which bases its decisions on the assessment of its ingredients and other relevant product information submitted by the manufacturers and/or importers.

4.5 All the overseas places studied have put in place requirements for **labelling** and **display of information** on the packaging of e-cigarettes and/or HTPs. While manufacturers are required to display essential facts such as the ingredients and contents of the products, they are prohibited in the EU from displaying information that may create an erroneous impression of health effect. In the US and South Korea, misleading words or phrases such as "less harmful", "safer", "light" and "mild" are prohibited.

4.6 Similar to the regulation of conventional cigarettes, a **warning message** is mandatory for all e-cigarettes and/or HTPs in all the overseas places studied. The EU and South Korea go further than the US in also requiring all cigarette packs to be covered with **warning photos** like diseased lungs. The size of the warning message and/or warning photo is also regulated. For example, the US requires the warning message to cover 30% of the front and back surfaces of the packet. In the EU and South Korea, the warning message and photo altogether must cover 65% and 50% of the front and back surfaces of the e-cigarette packet respectively.

**Trade requirements**

4.7 In all the overseas places studied, it is mandatory for manufacturers and/or importers of e-cigarettes and HTPs to register with the relevant government authorities and **submit relevant product information** for registration before the product can be sold legally. In the US, manufacturers and importers are further required to notify FDA of the labelling and advertisements of the product.

4.8 E-cigarettes and/or HTPs can only be sold by **registered retail outlets** to those who meet the minimum age requirement in all the overseas places studied. In the US and South Korea, vending machines for e-cigarettes and/or HTPs are only permitted to locate at the places not accessible to minors. The US and South Korea also impose a general ban on distributing free samples of e-cigarettes and/or HTPs. Furthermore, cross-border and online sales are
prohibited in South Korea, but they are allowed in the US as long as the product is approved by FDA. Unlike the US and South Korea, the EU has not set out in its Tobacco Products Directive any restrictions for e-cigarettes and/or HTPs in terms of the locations of vending machines and distribution of free product samples.

4.9 In addition to the above, all the overseas places studied have prohibited advertising of e-cigarettes and/or HTPs on television and radio. The EU also prohibits advertising on press or printed publications, whereas the US and South Korea allow printed advertisements if they have fulfilled certain requirements and restrictions such as incorporating warning statements and limited frequency of advertising on magazines.

4.10 Promotion of e-cigarettes and/or HTPs is also regulated in all the overseas places studied. The EU prohibits sponsorship by any e-cigarette/HTP companies or brands in support of private or public sector activities. Likewise in the US, sponsorship of sports, social or culture activities in the product brand name or showing the characteristics similar to those used for e-cigarettes are prohibited. In contrast, South Korea allows the sponsorship of social, cultural, musical and sports events (a) which women and children are not their target audiences; and (b) on the condition that only the sponsor's name can be shown.

User restrictions

4.11 The US allows the selling of e-cigarettes only to persons aged 18 or above, and South Korea sets the minimum age at 19. The EU's Directive has not laid down any age requirement for purchasing e-cigarettes and HTPs. It allows individual EU member states to decide on their own the age limit for purchasing e-cigarettes and HTPs, and most of them have set 18 as the age threshold. In addition to the age limit, e-cigarettes and/or HTPs are usually not allowed in most public places, restaurants, schools and public transport.

27 These characteristics include the logo, symbol, motto, selling message, recognizable colour and pattern of colours identical or similar to those used for the e-cigarette under the sponsor's business.
**Table 1 – Product requirements of e-cigarettes and/or HTPs in the places studied**

<table>
<thead>
<tr>
<th>Key legislation</th>
<th>The European Union</th>
<th>HTPs</th>
<th>The United States</th>
<th>E-cigarettes</th>
<th>South Korea</th>
<th>E-cigarettes and HTPs*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Restrictions on ingredients/emission</strong></td>
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<tr>
<td></td>
<td>• Permissible nicotine strength: ≤ 20mg/ml.</td>
<td>• Permissible emission levels of: (a) Nicotine: 1 mg/stick; (b) Tar: 10 mg/stick; and (c) Carbon monoxide: 10 mg/stick.</td>
<td>• Restrictions on nicotine strength, e-liquid volume and prohibited ingredients are not set out in the Act.</td>
<td>• For e-cigarettes: (a) permissible nicotine strength: ≤ 10mg/ml; and (b) permissible e-liquid volume: no restrictions, but the amount of liquid nicotine must be indicated on the tank.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Permissible e-liquid volume: (a) Refill tank: ≤ 10 ml; or (b) Single-use tank: ≤ 2 ml.</td>
<td></td>
<td>• Upon product registration, FDA will consider: (a) whether the nicotine produces dependence on the product; and (b) safety and health issues involved.</td>
<td>• Restrictions on permissible level of nicotine and other ingredients are not set out in the Acts.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Whether flavouring is allowed or not is decided by individual EU member states.</td>
<td>• Flavouring is prohibited.</td>
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</tr>
<tr>
<td></td>
<td>• Vitamins, as well as those ingredients that might pose a risk to health in heated or unheated form (such as caffeine and colourings), are prohibited.</td>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>Requirement for displaying warning message/photo on the product’s packet</strong></td>
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</tr>
</tbody>
</table>
| | • A warning photo and a warning message stating: (a) “This product contains nicotine which is a highly addictive substance. It is not recommended for use by nonsmokers”; or (b) "This product contains nicotine which is a highly addictive substance". | • A warning photo and a warning message stating: (a) "Smoking kills – quit now"; or (b) "Smoking kills". | • A warning message stating: "WARNING: This product contains nicotine. Nicotine is an addictive chemical."

 | | | | A warning photo and a warning message stating: (a) smoking may cause diseases; and (b) carcinogens contained in tobacco. | | |
| **Size of warning message/photo** | • ≥ 65% of the front and back surfaces of packet. | • ≥ 65% of the front and back surfaces of packet. | • ≥ 30% of the front and back surfaces of packet. | • ≥ 50% of the front and back surfaces of packet. | | |

Note: (*) South Korea regulates tobacco and other products containing nicotine, and e-cigarettes and HTPs are brought under regulation as other nicotine-containing products.
Table 1 – Product requirements of e-cigarettes and HTPs in the places studied (cont’d)

<table>
<thead>
<tr>
<th>Requirements for labelling and display of information on the product's packet</th>
<th>The European Union</th>
<th>The United States</th>
<th>South Korea</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>E-cigarettes</strong></td>
<td><strong>HTPs</strong></td>
<td><strong>E-cigarettes</strong></td>
<td><strong>E-cigarettes and HTPs</strong></td>
</tr>
<tr>
<td>The following information must be displayed on the packet:</td>
<td>The information displayed on the packet must not contain any elements that:</td>
<td>The packet must show the accurate description of quantity of contents (weight or amount) of the product.</td>
<td>For e-cigarettes and e-liquid, the packet must indicate the major ingredients and contents.</td>
</tr>
<tr>
<td>(a) list of all ingredients;</td>
<td>(a) create an erroneous impression about its health effects, risks or emissions; or</td>
<td>(b) refer to taste, smell, or any flavouring.</td>
<td>For HTPs, the packet must indicate the ingredients of tar and nicotine.</td>
</tr>
<tr>
<td>(b) nicotine content and delivery per dose;</td>
<td>(b) refer to taste, smell, or any flavouring.</td>
<td>Words such as &quot;light&quot;, &quot;low&quot;, &quot;mild&quot;, or similar descriptors are regarded by FDA as misleading the public into thinking that the product causes fewer health problems than other products are prohibited.</td>
<td>The packets of e-cigarettes and HTPs must not use misleading words, phrases, or trademarks, such as &quot;light&quot;, &quot;mild&quot;, &quot;low tar&quot;, &quot;genuine&quot;, or other indications that are likely to cause misconceptions by treating lightly the effects of tobacco on human health.</td>
</tr>
<tr>
<td>(c) possible adverse effect;</td>
<td>(c) resembling a food or a cosmetic product;</td>
<td>(d) having vitalising, energetic, healing, rejuvenating, natural, or organic properties; or</td>
<td></td>
</tr>
<tr>
<td>(d) addictiveness and toxicity;</td>
<td>(b) being less harmful than other products;</td>
<td>(e) possessing other health or lifestyle benefits.</td>
<td></td>
</tr>
<tr>
<td>(e) a message of not recommending for use by young people and non-smokers; and</td>
<td>(c) reducing the effect of harmful components in tobacco smoke;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(f) a message to remind keeping the product out of reach of children.</td>
<td>(d) having vitalising, energetic, healing, rejuvenating, natural, or organic properties; or</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Words such as "light", "low", "mild", or similar descriptors are regarded by FDA as misleading the public into thinking that the product causes fewer health problems than other products are prohibited.

- The packet must not claim the product as being healthier, safer or less risky to use.

- The packets of e-cigarettes and HTPs must not use misleading words, phrases, or trademarks, such as "light", "mild", "low tar", "genuine", or other indications that are likely to cause misconceptions by treating lightly the effects of tobacco on human health.
### Table 2 – Trade and user requirements of e-cigarettes and HTPs in the places studied

<table>
<thead>
<tr>
<th>Trade requirements</th>
<th>The European Union</th>
<th>The United States</th>
<th>South Korea</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product registration</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manufacturers and importers of e-cigarettes, e-liquid and HTPs are required to register their products with the relevant government authorities before they can sell the products legally.</td>
<td>• Manufacturers and importers are required to register with FDA and provide information about: (a) key ingredient information; (b) quantities of harmful and potentially harmful constituents; (c) labelling of the product; and (d) advertisements of the product.</td>
<td>• Manufacturers and importers are required to register their products with the relevant government authorities and submit relevant product information for applications of registration.</td>
<td></td>
</tr>
<tr>
<td>Retail sales and distribution</td>
<td>• E-cigarettes and HTPs can be sold at the retail outlets which have been registered with the relevant government authorities.</td>
<td>• E-cigarettes can be sold at the retail outlets which have been registered with the relevant government authorities. • As e-cigarettes can only be sold to persons aged 18 or above, retailers are required to check the photo ID of those intending to buy the e-cigarettes. • It is not allowed to: (a) sell e-cigarettes or e-liquid in vending machines unless in adult-only facilities; (b) offer free samples of e-cigarettes or e-liquid; and (c) sell e-cigarettes or e-liquid without health warning.</td>
<td>• E-cigarettes and HTPs can only be sold by registered tobacco retailers, who are also allowed to sell conventional cigarettes as well. • E-cigarettes and HTPs vending machines can only be installed in: (a) places not accessible to persons under the age of 19; (b) registered tobacco retail outlets; and (c) designated smoking areas. • It is not allowed to offer free samples of e-cigarettes and HTPs.</td>
</tr>
<tr>
<td>Cross-border sales and online sales</td>
<td>• Approval or otherwise is decided by individual EU member states.</td>
<td>• Not prohibited.</td>
<td>• Prohibited.</td>
</tr>
</tbody>
</table>
Table 2 – Trade and user requirements of e-cigarettes and HTPs in the placed studied (cont'd)

<table>
<thead>
<tr>
<th>Trade requirements (cont'd)</th>
<th>The European Union</th>
<th>The United States</th>
<th>South Korea</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-cigarettes and HTPs</td>
<td>E-cigarettes</td>
<td>E-cigarettes and HTPs</td>
<td></td>
</tr>
<tr>
<td><strong>Advertising</strong></td>
<td></td>
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</tbody>
</table>
| • Advertising on the following media is prohibited:  
  (a) press and printed publications;  
  (b) radio programmes; and  
  (c) audio-visual commercial communication, including television, online shopping and product placement. | • Advertising on television and radio are prohibited.  
  • Print advertisements and other advertisements with visual components (e.g. on signs, web and email) are allowed. Nevertheless, they are required to show warning statements that:  
  (a) appear on the upper portion of the advertisement;  
  (b) occupy at least 20% of the area of the advertisement; and  
  (c) are printed conspicuously and legibly. | • Advertising on television and radio are prohibited.  
  • Print advertisements on magazines, except for women's or juvenile magazines, are allowed for no more than 10 times a year. They could cover at most two pages each time.  
  • Displaying advertising materials in the tobacco retail outlets are allowed provided that the contents are not visible from outside of the place.  
  • Advertising materials must not directly or indirectly encourage or induce non-smokers to smoke, or include the contents contrary to the details and purports of smoking warning words. |
| **Sponsorship**            |                    |                   |  
| • Sponsorship of any public or private sector activities or making contribution to individual persons with the aim of promoting the products is prohibited. | • Sponsorship of any athletic, musical, artistic or other social or cultural events (a) in the product brand name; or (b) showing the characteristics (e.g. logo, symbol, motto, selling message, recognizable colour or pattern of colours) identical or similar to those used for e-cigarettes is prohibited. | • Sponsorship of social, cultural, musical and sports events, which women and children are not their target audiences, is allowed. However, only the sponsor's name is allowed to be shown. |
### Table 2 – Trade and user requirements of e-cigarettes and HTPs in the places studied (cont'd)

<table>
<thead>
<tr>
<th>User requirements</th>
<th>The European Union</th>
<th>The United States</th>
<th>South Korea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age limit for purchasing e-cigarettes and/or HTPs</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>• The EU's Directive does not set out any age limit, which is subject to the national law of individual EU member states.</td>
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<td></td>
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</tr>
<tr>
<td>• Most EU member states allow retailers to sell e-cigarettes and HTPs to those aged 18 or above, except in Belgium where the minimum age is 16 years old.</td>
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<td></td>
</tr>
<tr>
<td>Use of e-cigarettes and/or HTPs in public places</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• The EU's Directive does not set out any restriction on the use of e-cigarettes and/or HTPs in the public places, which is subject to the national law of individual EU member states.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• The restriction on the use of e-cigarettes in public places is determined by individual states.</td>
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<td>• As at March 2018, 11 states have established the rules to restrict the use of e-cigarettes in public places. In those states, e-cigarettes are prohibited in indoor public places, school campuses, restaurants, libraries, playgrounds, sports facilities, on public transport, etc.</td>
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<td>• Vaping of e-cigarettes and HTPs are not allowed in public places covered by the smoke-free policy. These places include most indoor workplaces, government buildings, restaurants, parks, theatres, hospitals, schools, and public transport facilities and designated cultural heritage.</td>
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</table>
References

Hong Kong


**European Union**


**South Korea**


**United States**


Others


52. 行政院：《行政院會通過「菸害防制法」修正草案》，2017 年，網址：http://www.ey.gov.tw/Page/9277F759E41CCD91/ca5d14d5-e484-4b35-b37f-38970354d487 [於 2018 年 6 月登入]。