



Updating Calgary's smoking and vaping bylaw

Public Health Perspectives

Enhancing Protections Under Calgary's Smoking and Vaping Bylaw

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Land acknowledgement

I would like to acknowledge that we are gathered today on a traditional meeting place and home of the Blackfoot and the people of the Treaty 7 region in Southern Alberta, which includes the Siksika, the Piikani, the Tsuut'ina and the Stoney Nakoda First Nations.

The City of Calgary is also home to Métis Nation of Alberta, Region 3.

**Bylaw improvements to provide Calgarians
with similar protections to other Albertans**

- Expand waterpipe smoking protection to include herbal/non-tobacco smoking
- Improve protections regarding smoking and vaping in outdoor public parks and events
- Improve protections for smoking in multi-unit public housing administered by the City
- Remove the exemption allowing smoking and vaping in hotel and motel rooms
- Review Calgary's approach for licensing of tobacco and vaping retailers



Smoking shisha in public places

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Shisha smoking in public places

Waterpipe Smoking

- Culturally relevant behaviour in the Middle East, Africa and Asia.
- Cultural relevance \neq Sacred practices
- Harms the health of consumer and others exposed to second-hand smoke

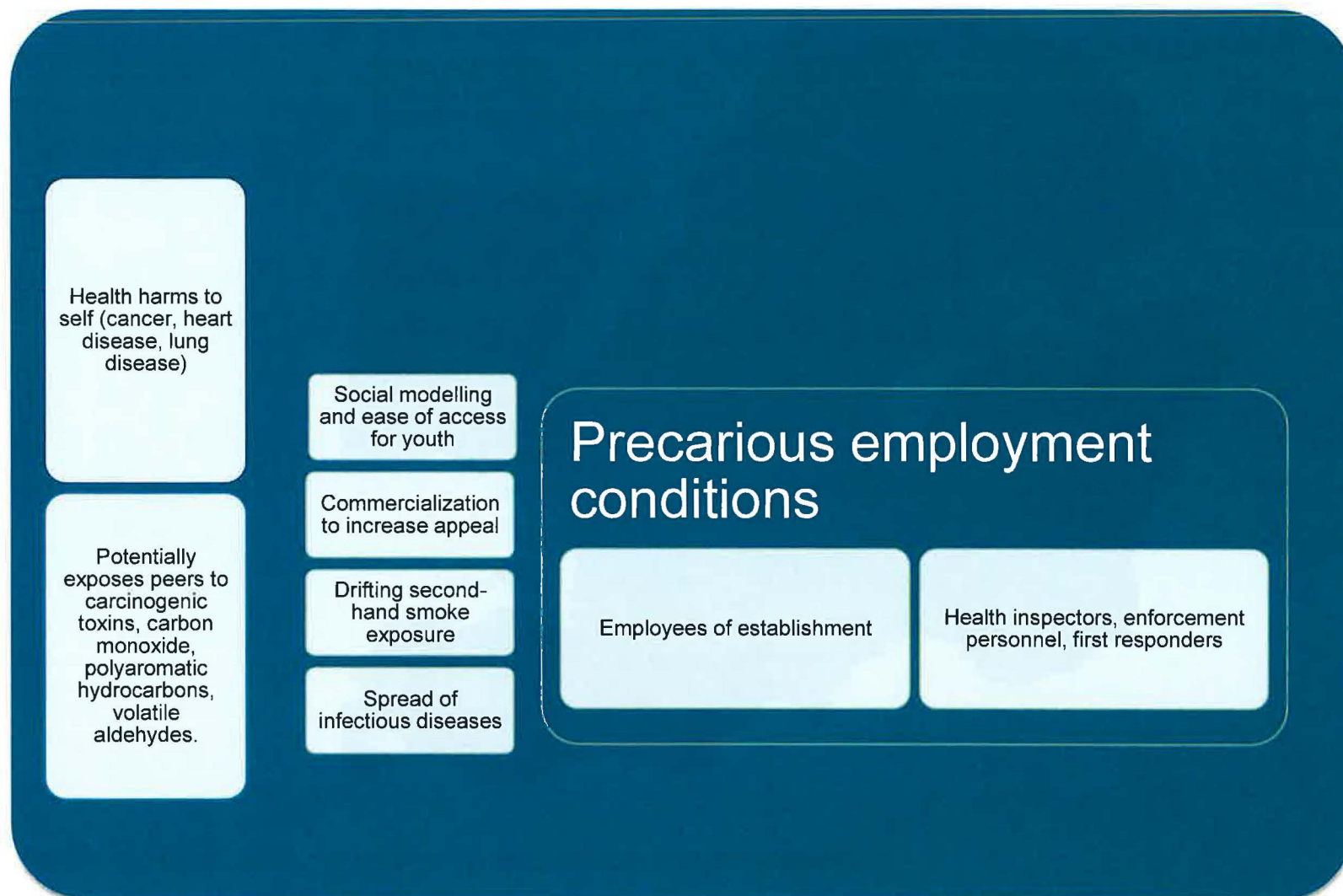
Middle East - protection offered by tobacco smoking or waterpipe smoking legislation in indoor public places



Middle Eastern population covered by waterpipe smoking bans during the COVID-19 pandemic restrictions



Public health risks – what health risks and who is impacted by waterpipe product smoking in public places



Public health risk management for smoking in public places

Waterpipe smoking – Individual practice

Health harms to self (cancer, heart disease, lung disease)

Potentially exposes peers to carcinogenic toxins, carbon monoxide, polyaromatic hydrocarbons, volatile aldehydes.

Waterpipe smoking restrictions in public places (CPS2019-1405)

Social modelling and ease of access for youth

Commercialization to increase appeal

Drifting second-hand smoke exposure

Spread of infectious diseases

Precarious employment conditions

Employees of establishment

Health inspectors, enforcement personnel, first responders

Smoking shisha in public places

Youth

- 17.7% of Albertan students in Grades 9-12 have tried hookah.
- 45.9% believe hookah to be less harmful than smoking cigarettes.

Why?

- Fun
- New experience
- Low-risk
- Easy

What is social modelling?



Health & Safety Challenges

- Adequate disinfection of apparatus
- Kitchens used to prepare and clean apparatus
- Determining if the products contain tobacco
- Enforcing operation of ventilation units



Smoking in designated indoor spaces

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Smoking in
designated indoor
spaces

Impacts on Indoor Air Quality

- 2012: *Environmental Public Health Indoor Air Quality Manual* (GOA, AHS)
- Conclusion: eliminate indoor smoking to reduce risk of adverse outcomes
- US Surgeon General, WHO: similar conclusions

ASHRAE's Position

- Ventilation standards cannot claim to provide acceptable indoor air quality in smoking spaces
- Engineering controls insufficient to provide full exposure against environmental tobacco smoke
- Ban all smoking inside and near buildings to avoid health effects

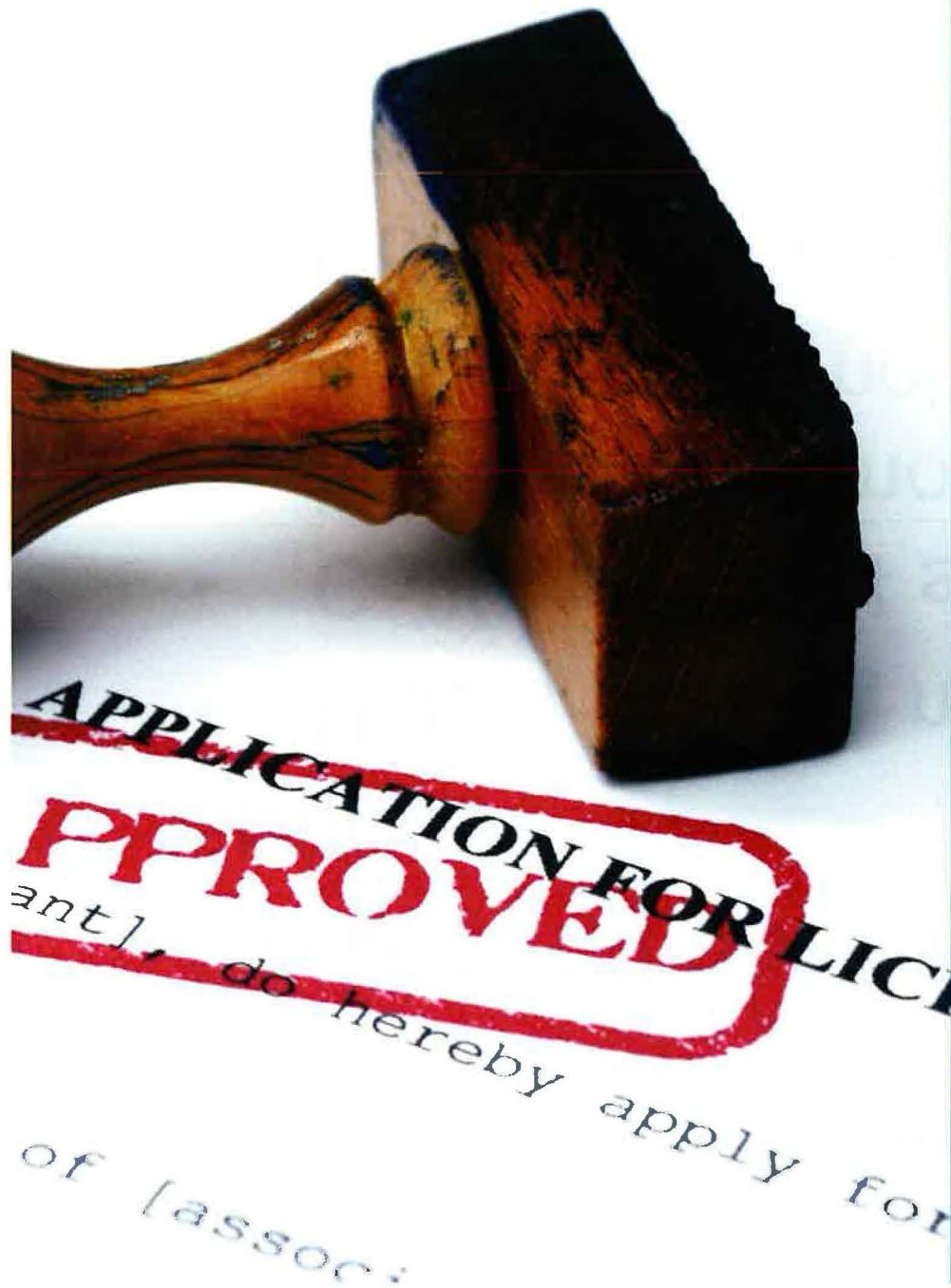
Considerations for multi-unit spaces

- Hotels, motels, multi-unit housing
- California 2014 study: compared hotels with all non-smoking vs with designated smoking rooms
- Conclusion: non-smoking guests are not protected from exposure

Retailer licensing to fund health promotion activities

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Retailer licensing to fund local health promotion activities



Retailer Licensing Fees

- Revenue generation
- Enforcement assistance
- Accountability measures
- AB municipalities: annually \$160 - \$775 per retailer
- Calgary = annually \$192/retailer

Lloydminster Tobacco Reduction Grant

- 2017: funds projects that support tobacco and smoking reduction
- Funded through annual tobacco and vaping retailer license fees
- Agencies can apply for up to \$20000
- Examples: media campaigns, school toolkits, non-smoking signs

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