



区域化和GIS结合带来的新机遇

The Integration of Regionalization and
GIS Bring New Opportunities

——对跨境动物疫情管理的思考

——Reflections on Cross Border Animal
Epidemic Management

中华人民共和国海关总署动植司
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01

中国面临跨境动物疫病传入的严峻挑战

**China faces severe challenges from the introduced
cross border animal diseases**



中国面临跨境动物疫病传入的严峻挑战

China faces severe challenges from the introduced cross border animal diseases

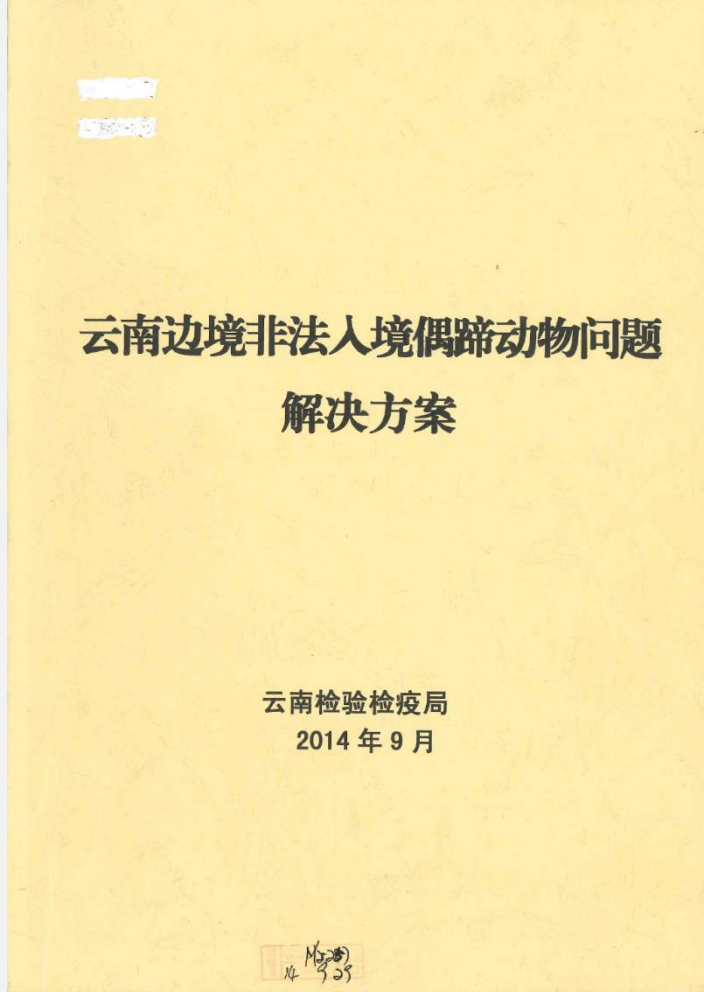


- ◆ 在世界范围内，中国及邻国的疫病流行形势最为复杂、防控压力最为巨大。
- ◆ The epidemic situation in China and neighboring countries is the most complex and the pressure of prevention and control is the enormous over the world.
- ◆ 疫情禁令加剧走私，使得疫情管理完全不受控，动物疫病传播的风险极大。
- ◆ The outbreak of the ban aggravated smuggling, making epidemic management uncontrolled, and the risk of animal disease transmission is enormous.



中国面临跨境动物疫病传入的严峻挑战

China faces severe challenges from the introduced cross border animal diseases



每年经云南边境走私入境活牛达到150万头之多。

The initial conclusion is that the number of live cattle smuggled through the border of Yunnan reaches 1 million 500 thousand per year.



2015年通过云南边境的勐龙、勐腊、瑞丽等地区走私的活牛至少达到70万头以上。

At least 700,000 live cattle were smuggled through the Menglong, Mengla and Ruili areas along the Yunnan border in 2015.

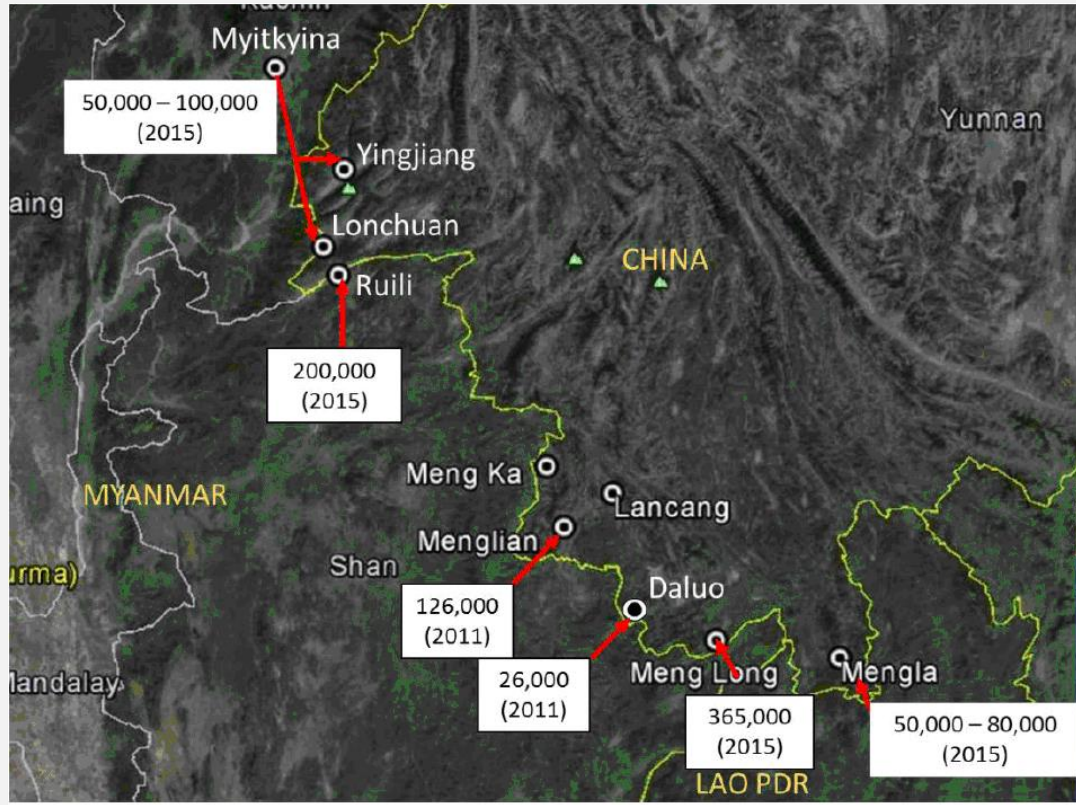


中国面临跨境动物疫病传入的严峻挑战

China faces severe challenges from the introduced cross border animal diseases

在暴利驱使下，走私行为形成了一个巨大的经济链条

Driven by high profit, smuggling created a huge money chain





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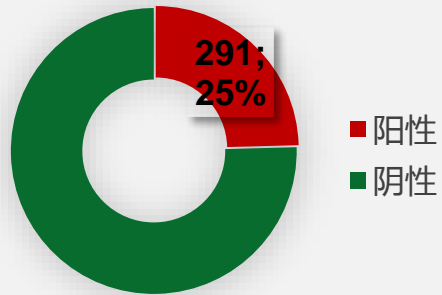


云南边境走私动物疫情调查 (2014-2015)

Epidemic investigation of smuggled animals in Yunnan frontier (2014-2015)

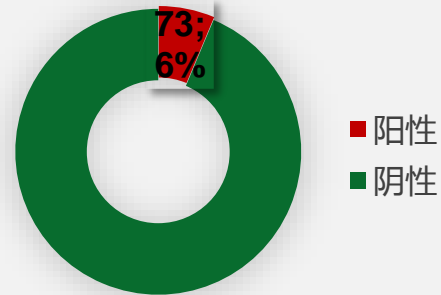
口蹄疫非结构蛋白抗体

NSP



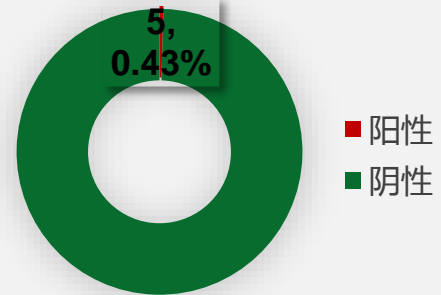
小反刍兽疫抗体

PPR



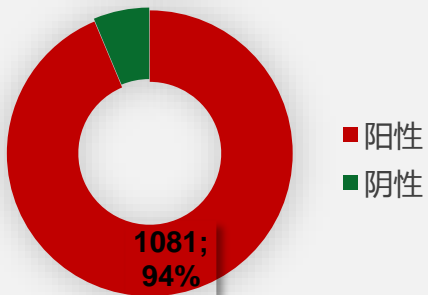
牛布病抗体

Bovine Brucellosis



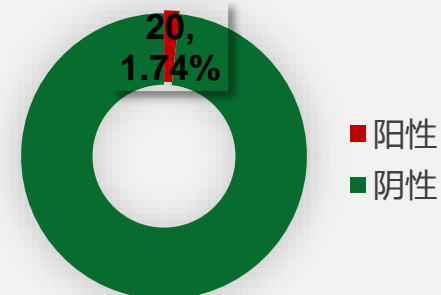
蓝舌病抗体

BT



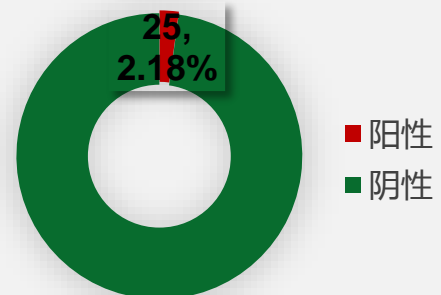
牛传染性胸膜肺炎抗体

CBPP



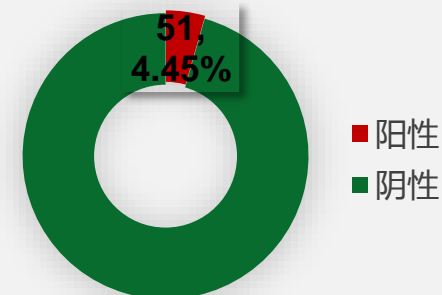
牛结核病抗体

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牛副结核抗体

JD





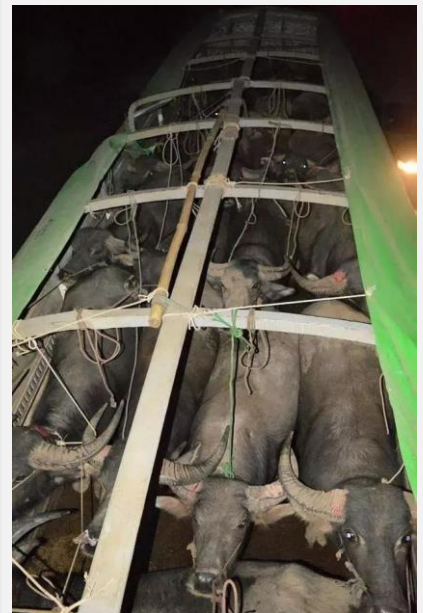
中国面临跨境动物疫病传入的严峻挑战

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其他边境走私行为

Other border smuggling





02

解决方案的提出与准备

Proposal and preparation of Solutions



解决方案的提出与准备

Proposal and preparation of Solutions



利弊因素 Advantages and Disadvantages

有利因素 Positive factors

- ✓ OIE近年来极力倡导并已出台相应的指导原则
- ✓ OIE has strongly advocated and promulgated the corresponding guiding principles in recent years
- ✓ 中国已认可了哈萨克斯坦等多个国家部分地区的口蹄疫无疫地位，积累了丰富的经验
- ✓ China has approved the FMD free status of some countries and regions, such as Kazakhstan, and has accumulated rich experience
- ✓ 相关利益群体希望实现贸易的合法化，愿意投入相关人力物力
- ✓ Relevant stakeholders hope to achieve legalized trade, who is willing to invest in relevant manpower and material resources

不利因素 Negative factors

- 中国大部分邻国受国情影响没有开展无疫区建设，无OIE认可结果可以参考
- Most neighboring countries have not carried out the construction of epidemic-free zone limited by national conditions, and there is no OIE approval results for reference
- 没有无疫区建设的具体标准，在无疫区选址、建设、管理方面缺乏响应的工具和经验
- It seems that no specific standard for the construction of epidemic-free zone; and they lack of responsive tools and experience in site selection, construction and implement of epidemic-free zone



解决方案的提出与准备

Proposal and preparation of Solutions



利弊因素 Advantages and Disadvantages



综合判断 Comprehensive judgment

- 各方目标相同，存在实现共赢的基础
- All sides have the same target, there is a basis for achieving double-win situation
- 应明确跨境动物疫病管理的顶层设计，需出台具体的操作标准
- The top-level design of cross-border animal epidemic management should be clear and specific , operational standards should be issued
- 要寻找科学可靠的工具和方法支持无疫区建设。
- Scientific and reliable tools and methods should be found out to support the construction of non-epidemic zone



解决方案的提出与准备

Proposal and preparation of Solutions

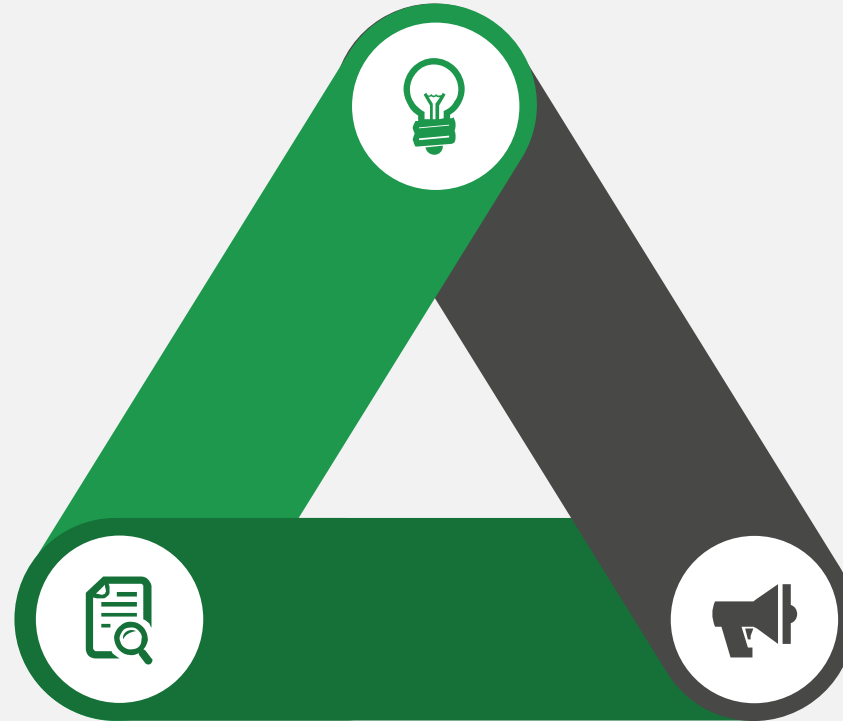


过去三年的准备工作 Preparations in the past three years

完成顶层设计

Complete the top-level design

制定明确标准
Formulate confirmed criteria



确定管理工具
Identify management tools



解决方案的提出与准备

Proposal and preparation of Solutions

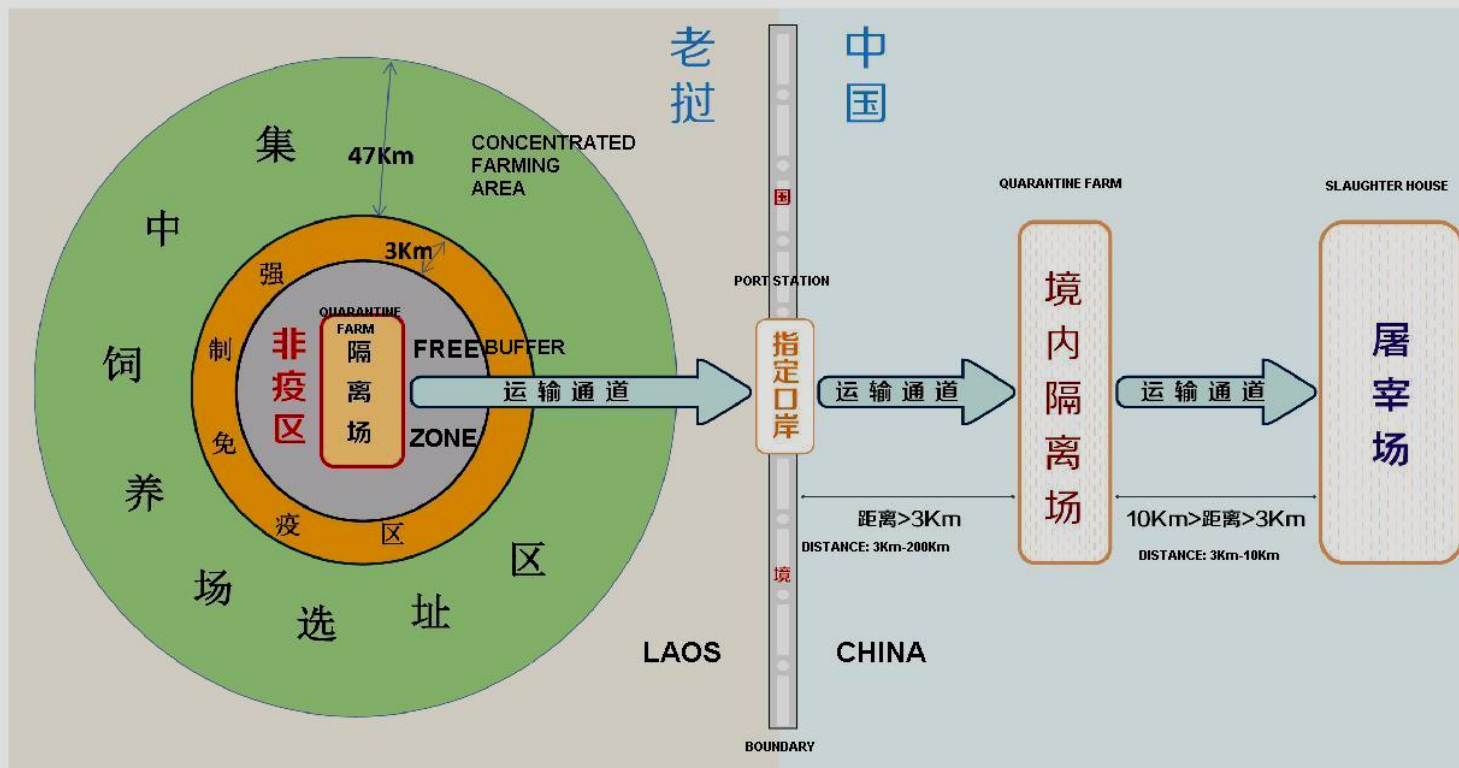


完成顶层设计

Complete the top-level design

Illustration The Model Of Yunnan Transboundary Animal Health Management

进境屠宰用肉牛“3+3”管理模式图





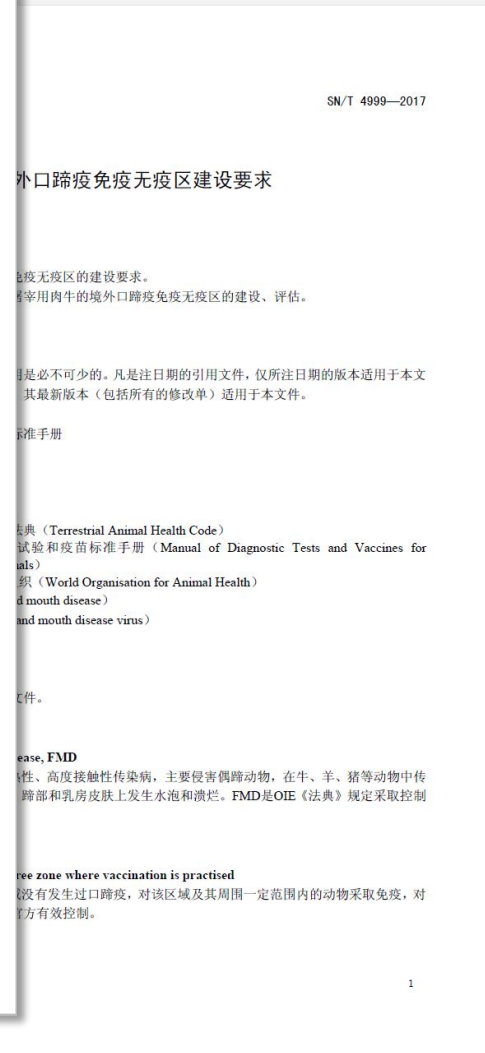
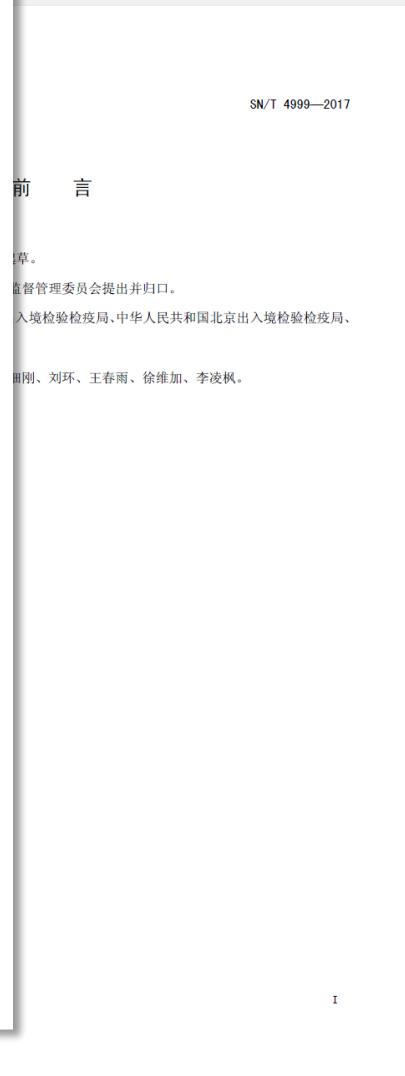
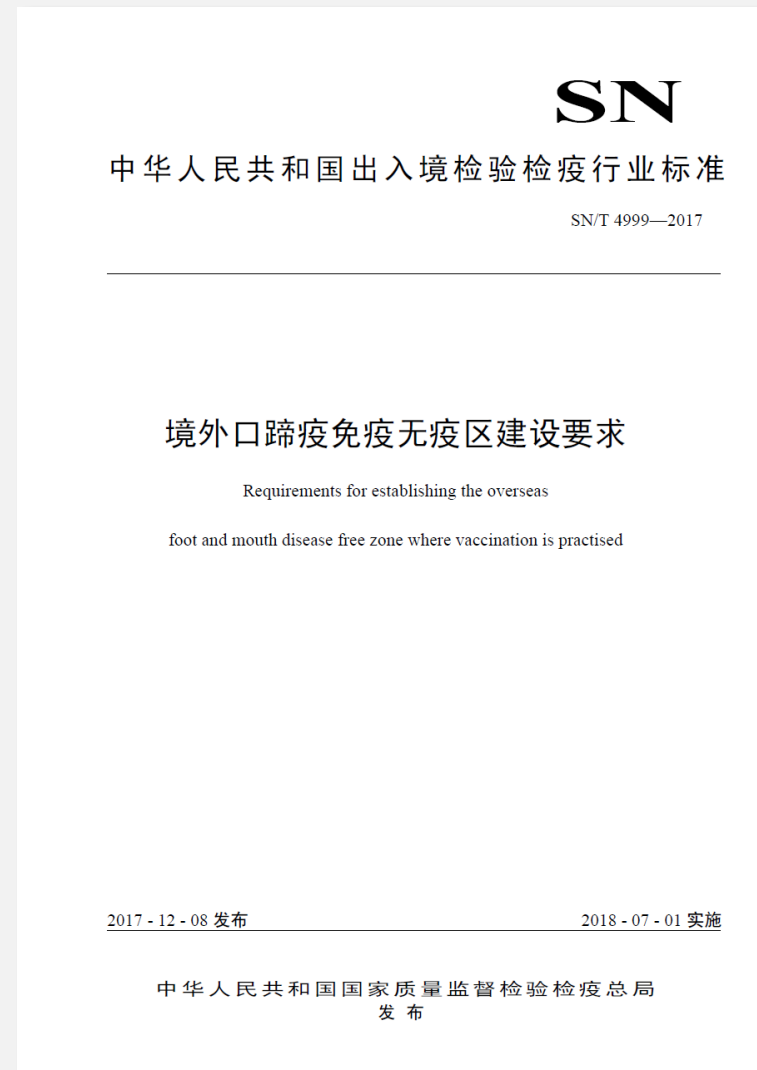
解决方案的提出与准备

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制定明确标准

Formulate confirmed criteria



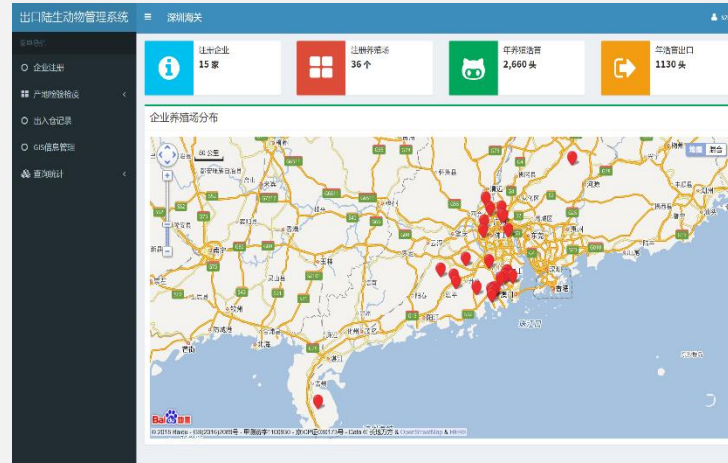
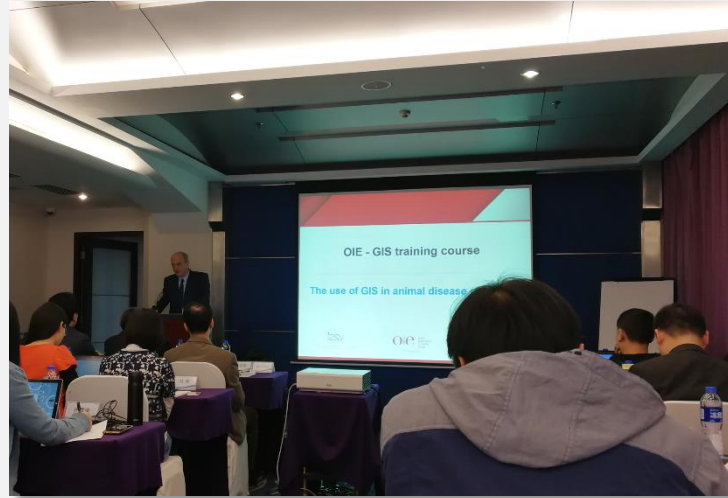


解决方案的提出与准备

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确定管理工具 Identify management tools





03

工作进展

Work progress

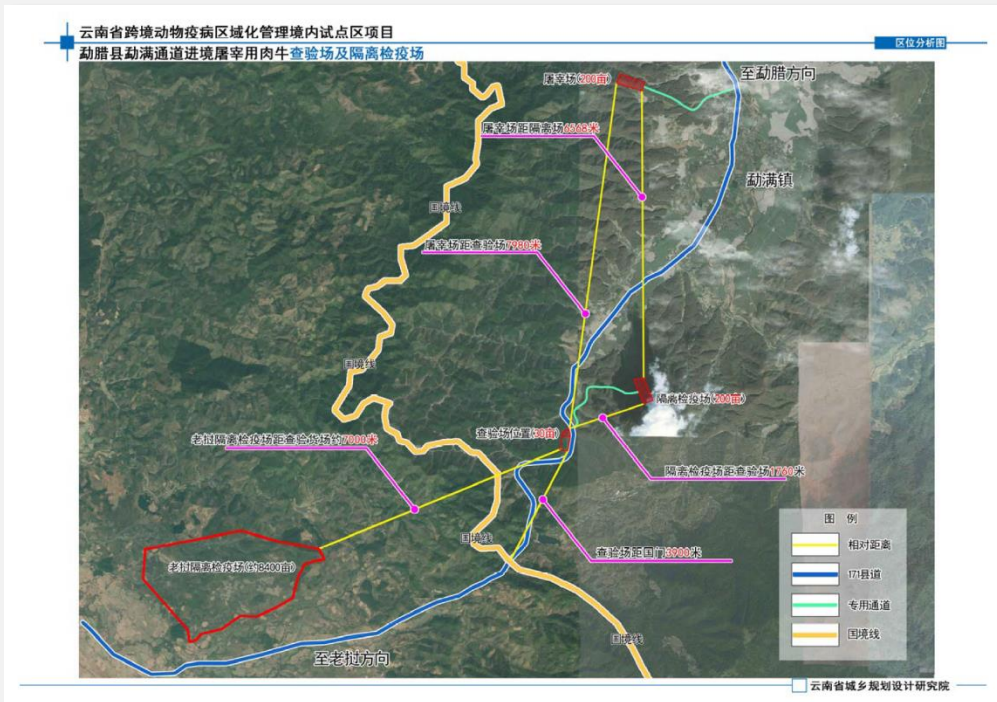


工作进展 Work progress



基本完成 Basically completed

老挝屠宰牛项目 Slaughter cattle project in Laos





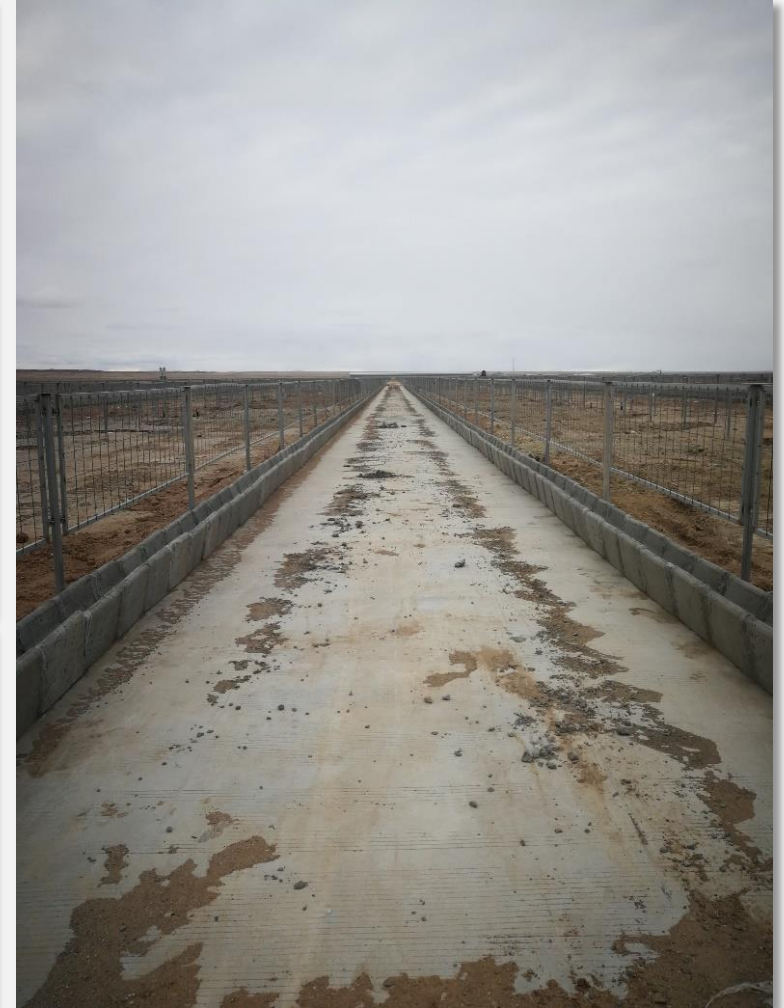
工作进展
Work progress



基本完成 Basically completed



蒙古国屠宰羊项目
Slaughter sheep project
in Mongolia





工作进展
Work progress



正在进行中 In progress

缅甸屠宰牛项目
Slaughter cattle project
in Burma





工作进展
Work progress



正在进行中 In progress

吉尔吉斯斯坦口蹄疫 无疫区建设合作项目 Kyrgyzstan FMD free zone construction cooperation project

中华人民共和国海关总署和吉尔吉斯共和国兽医与植物 卫生监督局关于口蹄疫免疫无疫区要求备忘录

为实现吉尔吉斯共和国偶蹄动物及其制品输往中华人民共和国，中华人民共和国海关总署和吉尔吉斯共和国兽医与植物卫生监督局（以下简称“双方”）在职权范围内，经过友好协商，同意签署“口蹄疫免疫无疫区要求备忘录”。吉方将按照要求建设口蹄疫免疫无疫区，中方将向吉方提供技术帮助与支持。

为执行本备忘录，双方将在必要时进行双边磋商，经双方共同同意，可以通过单独的协议形式修改和增补本备忘录，这些协议将是本备忘录的组成部分。

该备忘录自双方签署之日起生效，有效期5年，到期后可自动延长5年，除非任意一方在下个有效期前至少3个月以书面形式通知对方终止本备忘录。

本备忘录于2018年6月6日在北京签订，一式两份，用中文、英文、俄文三种语言书写，如有异议，以英文为准，并通过双方协商解决。

附件：经协商一致的口蹄疫免疫无疫区要求

中华人民共和国
海关总署
代表

吉尔吉斯共和国
兽医与植物卫生监督局
代表

Меморандум между Главным таможенным управлением Китайской Народной Республики и Государственной инспекцией по ветеринарной и фитосанитарной безопасности при Правительстве Кыргызской Республико создания свободной зоны от ящура, с вакцинацией

Главное таможенное управление Китайской Народной Республики Государственная инспекция по ветеринарной и фитосанитарной безопасности при Правительстве Кыргызской Республики, далее именуемые «Стороны», в рамках своей компетенции, в целях повышения уровня двустороннего сотрудничества в области ветеринарной безопасности, а также в целях осуществления экспорта парнокопытных животных и их продуктов из Кыргызской Республики в Китайскую Народную Республику согласились подписать настоящий Меморандум о создании свободной зоны от ящура, с вакцинацией.

Свободная зона от ящура на территории Кыргызской Республики должна быть обеспечена в соответствии с согласованными общими требованиями о создании свободной зоны от ящура, с вакцинацией, согласно Приложению, к настоящему Меморандуму, являющемуся неотъемлемой частью настоящего Меморандума, а китайская сторона оказывает техническую помощь и поддержку.

В целях реализации настоящего Меморандума Стороны при необходимости будут проводить двусторонние консультации, а также по взаимному согласию Сторон в настоящий Меморандум могут быть внесены изменения и дополнения, оформляемые отдельными протоколами, которые будут являться неотъемлемой частью настоящего Меморандума.

Меморандум вступает в силу с даты его подписания Сторонами сроком на 5 лет, и автоматически продлевается на последующие 5-летние периоды, если ни одна из сторон не уведомит письменно другую сторону не менее чем за три месяца до истечения



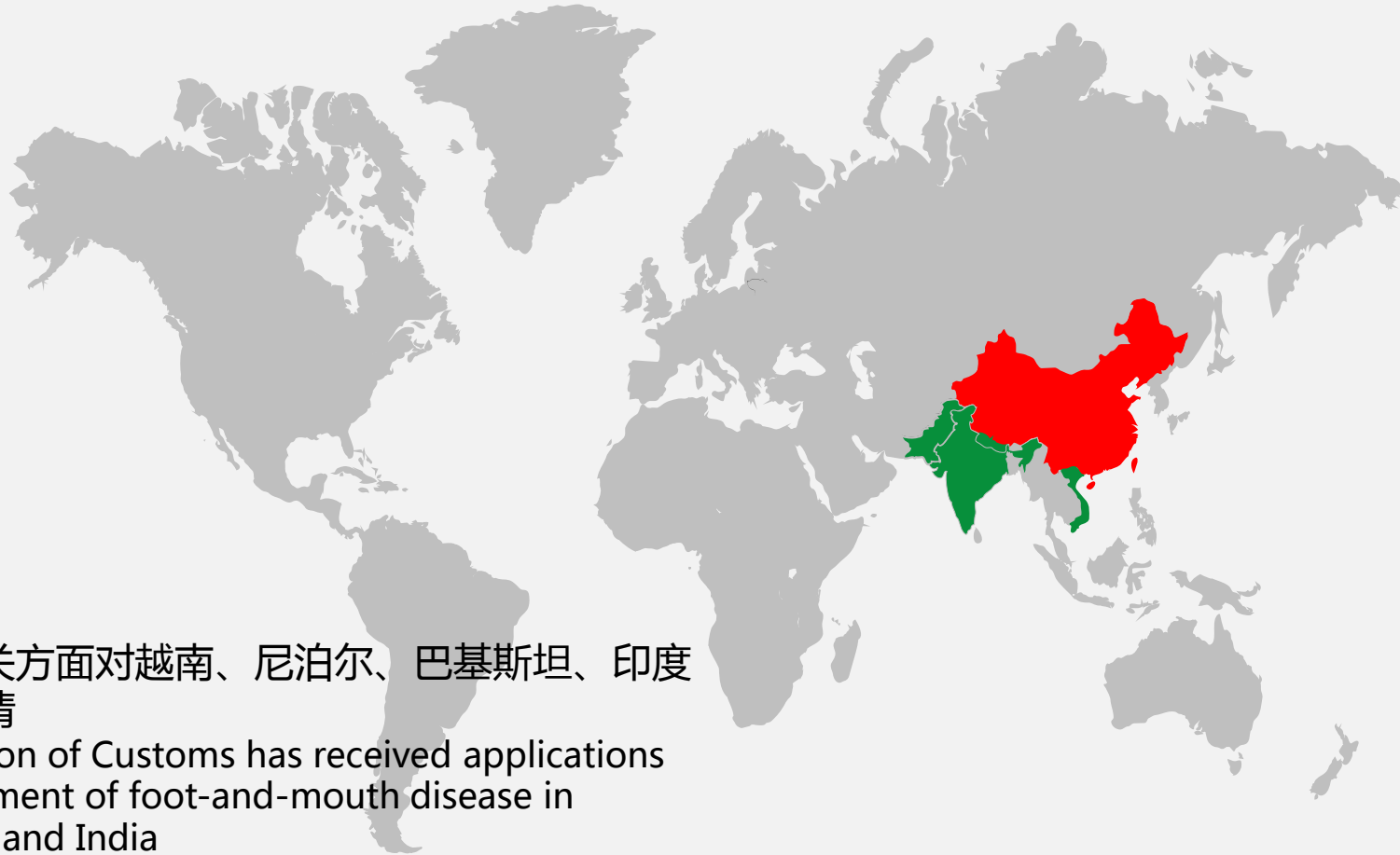
工作进展

Work progress



已有初步意向 Initial cooperation intentions

口蹄疫区域化 Regionalized management of FMD



海关总署目前已收到有关方面对越南、尼泊尔、巴基斯坦、印度
口蹄疫区域化管理的申请

The General Administration of Customs has received applications
for regionalized management of foot-and-mouth disease in
Vietnam, Nepal, Pakistan and India



工作进展

Work progress



已有初步意向 Initial cooperation intentions

高致病性禽流感生物安全隔离区划 Compartmentalization model for HPAI



中国已与俄罗斯在今年9月初签署了关于高致病性禽流感生物安全隔离区划的合作备忘录，并正在与欧盟委员会就开展高致病性禽流感生物安全隔离区划合作开展深入交流

China and Russia signed a memorandum of cooperation on compartmentalization of HPAI in early September this year, and are conducting in-depth exchanges with the European Commission on compartmentalization of HPAI

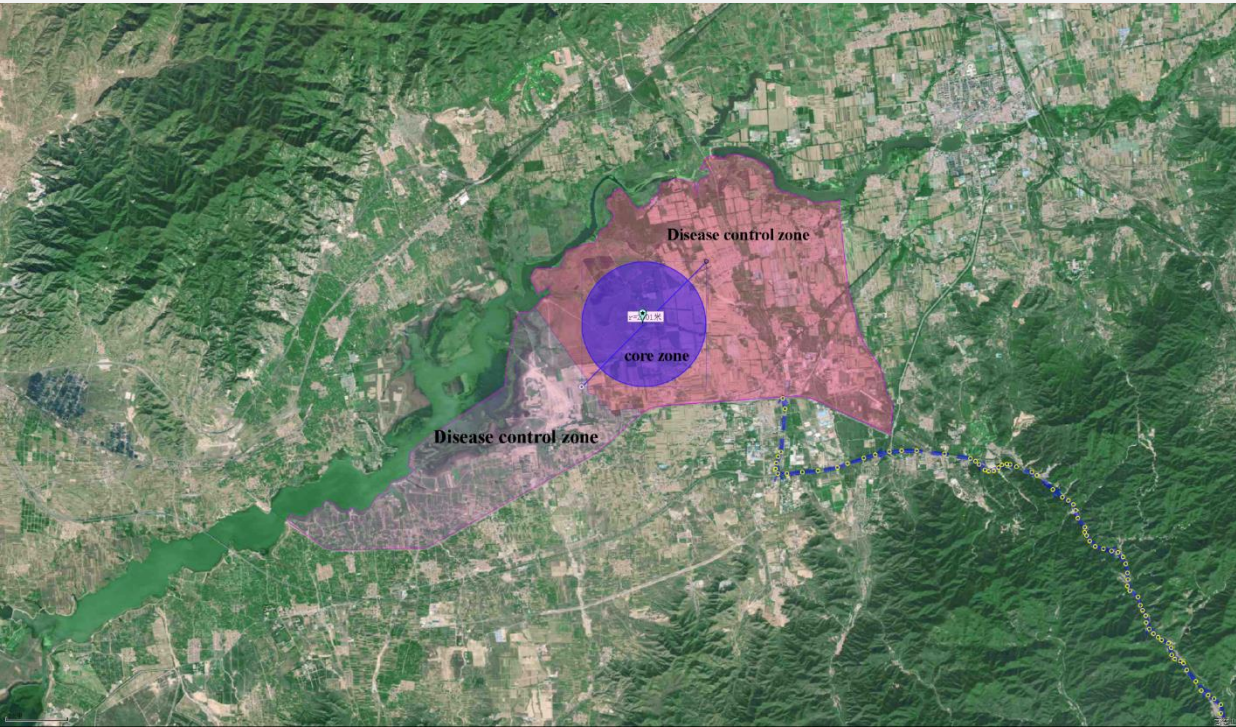


工作进展
Work progress



GIS在进出境动物检疫中的应用 Application of GIS in entry and exit animal quarantine

马属动物非疫区建设 Establishment of EDFZ



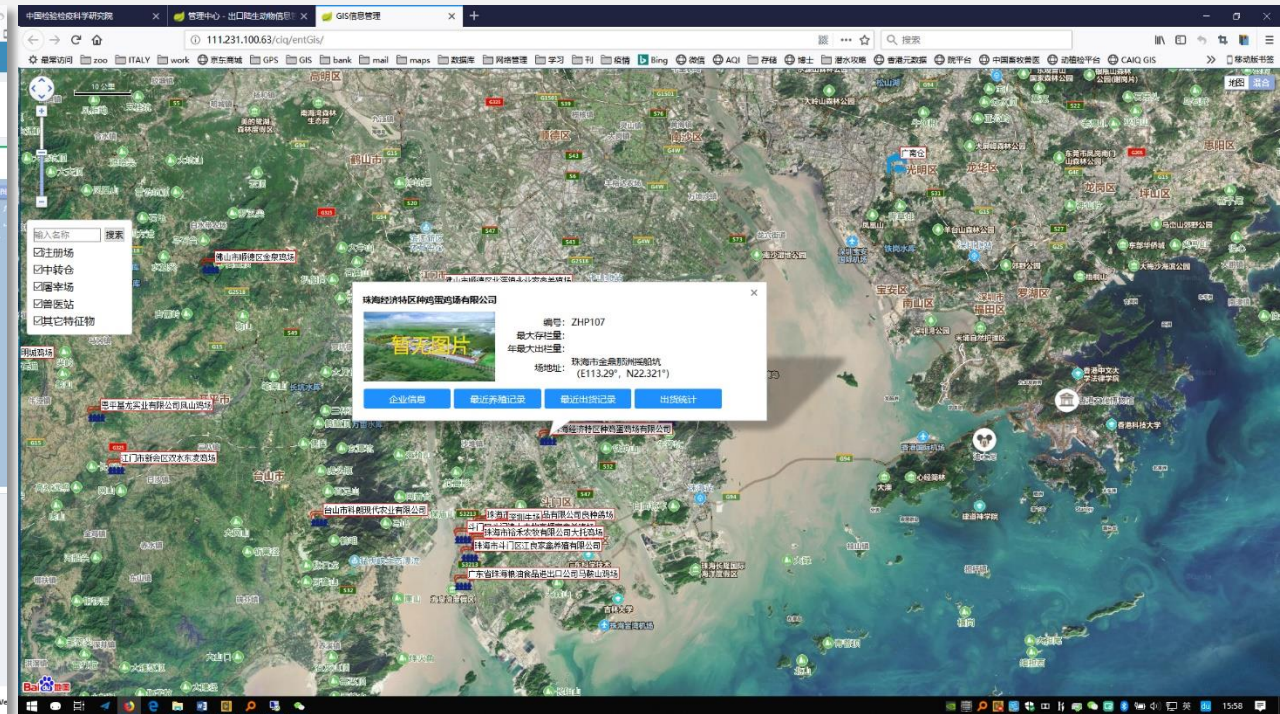
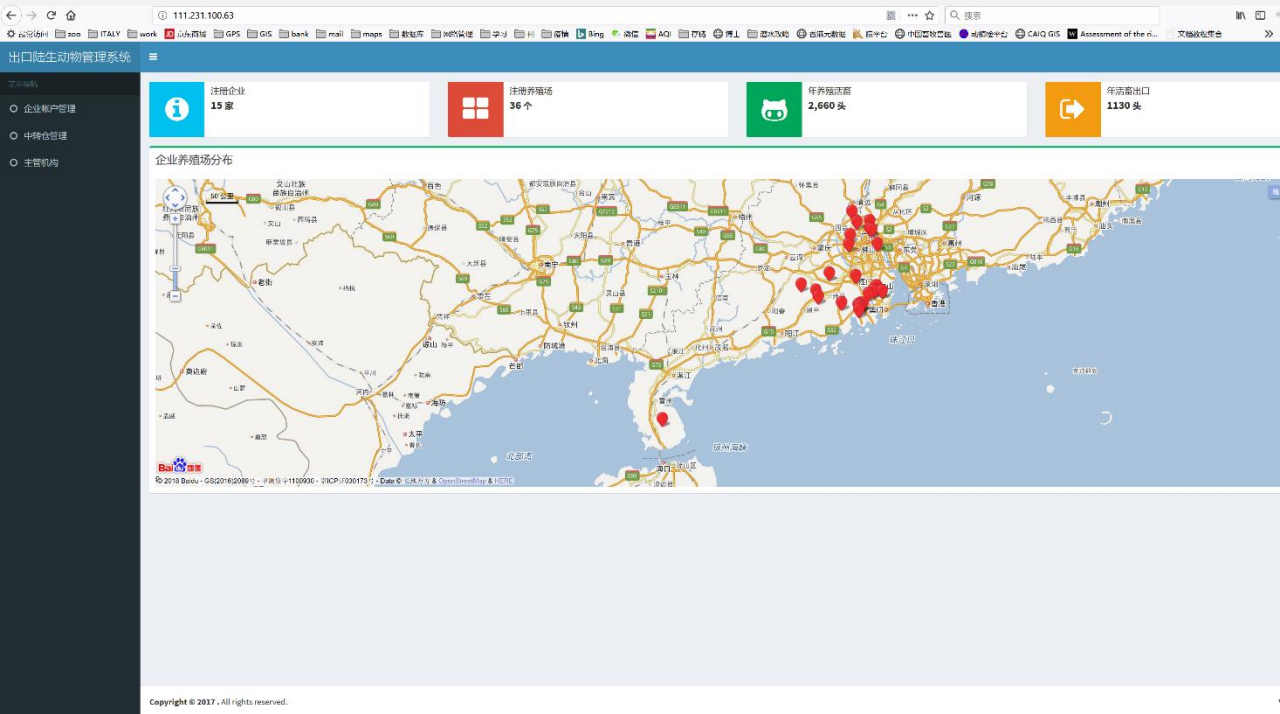


工作进展 Work progress



GIS在进出境动物检疫中的应用 Application of GIS in entry and exit animal quarantine

出口陆生动物信息管理系统 Information Management System for Export Livestock





04

展望

Forecast



安全稳定的动物国际贸易将成为可能

Safe and stable international animal trade will become possible



GIS将为区域化推广插上腾飞的翅膀

GIS does much good for regional promotion



试点将为整体疫情防控占据战略上的主动

The pilot will take the initiative in overall prevention and control of the epidemic



谢谢!
THANK YOU!