



## ANIMAL WASTE

Animals such as pigs, sheep, cows, and goats are supposed to be slaughtered in slaughterhouses. Under certain production conditions, the waste may also include hair, skin, intestine, rumen, trimmings, bones, teeth, intestinal food remains, and blood. If this is not disposed properly, not only do they emit a foul smell but also, the waste accumulated is bio-hazardous in nature.

Total production of meat in Karnataka is 114520 tons annually.

BENGALURU CONSUMED



MEAT PRODUCED IN KARNATAKA AND CONSUMED SOLELY WITHIN BENGALURU



15% to 20% of slaughtered animals go to waste. BBMP estimates that 1440 animals are slaughtered daily in slaughterhouses. Roughly 2 tons of waste is generated per day.

Waste water from slaughterhouse contains



BONE



BLOOD



BIOHAZARD



INTESTINE



FEATHER

According to the High Court, this water should be treated before letting it into the municipality sewage line. According to the Department of Ecology and Environment of Karnataka, this waste is similar to bio-medical waste. It is infectious in nature and bio-hazardous.



5,825

TONNES OF POULTRY MEAT



33,212

TONNES OF RED MEAT



13800

TONNES OF MUTTON

### GOVERNMENT SLAUGHTER HOUSES BANGALORE



**1. TANNERY ROAD** - Single slaughterhouse in the city to have an Effluent Treatment Plant (ETP).

**2. KR MARKET** - Small size slaughterhouse and does not have ETP. Untreated waste water is discharged directly into sewage.

### Can slaughterhouse waste be harmful?

In 2004, residence of Tannery Road, unable to bear foul smell, filed a Public Interest Litigation in High Court. **Post which HC banned:** Slaughterhouse within the city limits. Use of blood by pharmaceutical companies and instead ordered for ETPs.



### CITY STRUGGLE WITH ANIMAL WASTE MANAGEMENT

BBMP does not have a proper system on how to dispose animal waste from butcher shops.

BBMP by law mandate animals such as pigs, sheep, cows, and goats supposed to be slaughtered in slaughterhouse.

According to this law, there will be no animal waste anywhere other than slaughterhouse.

No rule to cater small meat shops that carry out butchering illegally.

BBMP does not provide any mechanism to dump animal waste to such shops.



### ABATTOIR (SLAUGHTERHOUSE) STILL IN PIPE LINE Horahalli residents are against slaughterhouse.

Construction of slaughterhouse that could bring an end to illegal activities in the city. But still it's in nascent stage.

Construction at Horahalli, near Kanakapura taluka is in progress. Compound wall is being constructed.

Hi-Tech modern slaughterhouse will be built by Chennai Abattoirs Private Limited on 40 acres of land.

Specialties: Manual work will be minimized.

: No animal will be placed on ground for cutting, peeling or pressure washing as they are hung to mechanical trolley.

: Minimum pain to animal.

: Blood will directly be collected in aluminum drains which will be connected to

ETP.

### Animal and Poultry Waste Continue To Land Up In Lakes



**Deep burrow can be used which turns the waste into beautiful manure after 45 days which is extremely rich, it is very good for soil. Chicken waste can be easily composted too. Bio-waste is also a good option for animal waste. The other option is incineration.**

### SUSTAIN BY DESIGN

Sustain by Design was a studio on investigating the Sustainable Development Goals in creative and critical ways. Art and Design students engaged with specific issues on the ground in Bangalore, India.

SDGs Project Lead: Forum for Law, Environment, Development and Governance (FLEDGE).

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