To investigate the growing threat of Vector-Borne Diseases (VBD) and to offer a platform for debate, HealthforAnimals has commissioned an ‘industry first’ white paper, which has highlighted the following key challenges to tackling VBDs:

1. **Government Funding**
   - Many VBDs suffer from insufficient government funding not just to incentivise the development and distribution of vaccines, but also to facilitate broader management and control.

2. **Climate Change**
   - There is considerable evidence that changes in the phenology and distribution of a wide range of arthropod species have occurred worldwide in response to climate change worldwide. This is particularly true for ticks, and there is also some evidence of effects on mosquitoes.

3. **Social & Economic Pressures**
   - In combination with inadequate housing facilities, both domestic and human, and poor quality water, sanitation, and waste management systems, allow for increased transmission of VBDs between human- and animal- populations.

4. **Habitat Change**
   - Habitat change can have a significant impact on VBD incidence, e.g., major irrigation and flood prevention systems built in recent years without regard to their effect on vector-borne diseases.

5. **Pressure for Eco-Friendly Solutions**
   - In developed countries, environmental and health concerns have led to restrictions on the types of chemicals that can be used to control outbreaks. These concerns are now spreading to a global level.

6. **Insecticide Resistance**
   - For many VBDs, e.g., malaria, dengue and Rift Valley fever, insecticide resistance is a major problem. The percentage of VBD cases that are infected by insecticide-resistant mosquitoes is growing.

7. **Travel & Trade**
   - The increased movement of goods, humans, livestock and companion animals worldwide is also an important mechanism for the introduction of new vectors and disease agents.

To read the full white paper report, visit www.healthforanimals.org.

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**CHALLENGES TO TACKLING THE GROWING THREAT OF VECTOR-BORNE DISEASES**

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